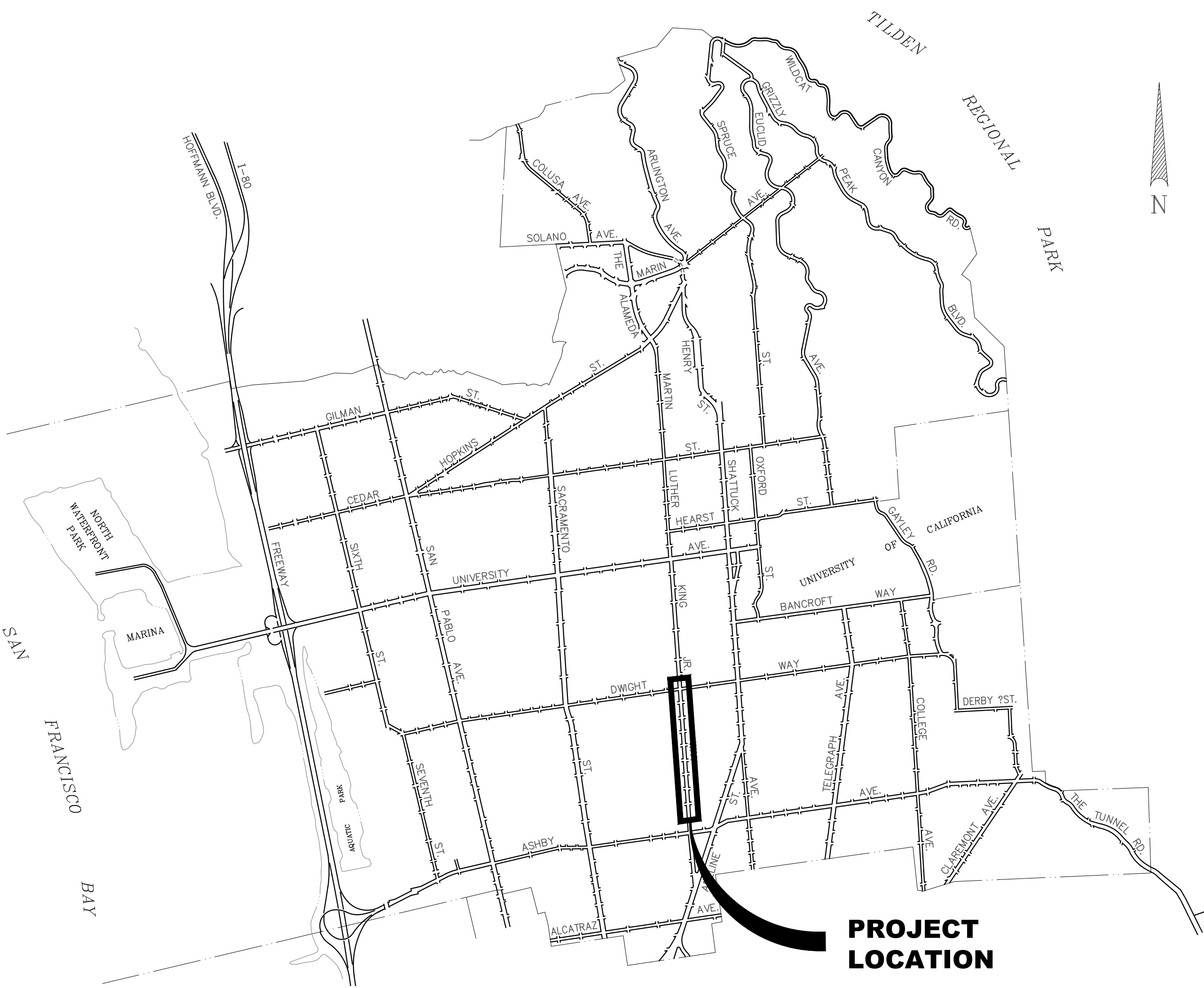


CITY OF BERKELEY
ALAMEDA COUNTY, CALIFORNIA

MARTIN LUTHER KING JR. WAY VISION ZERO QUICK
BUILD PROJECT (DWIGHT WAY TO RUSSELL STREET)

SPECIFICATION No. 23-11554-C



VICINITY MAP
NO SCALE

INDEX OF SHEETS:

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2	G-2 NOTES, LEGEND & ABBREVIATIONS
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4	C-2 MEDIAN PLAN
5	C-3 MEDIAN PLANS
6	C-4 MEDIAN DETAILS
7	C-5 CONSTRUCTION DETAILS
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10	C-8 PAVEMENT LAYOUT
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13	SS-1 SIGNING AND STRIPING PLAN (RUSSELL STREET & OREGON STREET)
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16	SS-4 SIGNING AND STRIPING PLAN (PARKER STREET & BLAKE STREET)
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18	E-1 ELECTRICAL PLAN (OREGON STREET)
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21	E-4 ELECTRICAL PLAN (CARLETON STREET)
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24	E-7 ELECTRICAL DETAILS



FEHR & PEERS
2201 Broadway Street, Suite 602
Oakland, CA 94612
(510) 834-3200

PROJECT MANAGER: *Jan Ball* DATE: 7/28/22
SURVEY PARTY CHIEF: *Joe Elk*
WATERSHED REVIEW: *David Ball* DATE: 7/28/22
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

DEPICTION OF MONUMENTS: *Joe Elk* DATE: 7/28/22
APPROVED: *Joe Elk* DATE: 7/28/22
CITY ENGINEER

SUBMITTED: *Winters* DATE: 7/29/22
R.C.E. 60704
EXP. 12/31/22
DESIGN: NL
DRAWN: ZZ/ND
CHECK: GR
AS BUILT: _____
DATE: 10/14/22

HORIZ. _____
VERT. _____
BOOK _____
DATE: 10/14/22

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)
COVER SHEET

PLAN 8262
FILE 503-632
G-1
SHEET 1 OF 24

- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 811 OR (800) 227-2600, A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASCERTAINING THE EXISTENCE OF ANY & ALL UNDERGROUND FACILITIES, WHICH MAY BE SUBJECT TO DAMAGE BY REASON OF HIS/HER OPERATIONS.
- EXISTING UTILITIES ARE PLOTTED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE SURFACE AND UNDERGROUND UTILITIES WITHIN AND ADJACENT TO THE PROJECT SITE. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE VARIOUS UTILITY AGENCIES AND SHALL DO NO EXCAVATION UNTIL ALL UTILITY AGENCIES HAVE BEEN NOTIFIED AND HAVE BEEN GIVEN THE OPPORTUNITY TO MARK THEIR UNDERGROUND FACILITIES IN THE FIELD.
- CONTACTING USA DOES NOT RELIEVE THE CONTRACTOR FOR HIS/HER RESPONSIBILITY TO DETERMINE LOCATION AND DEPTH OF BURIED UTILITIES OR REPAIR BURIED UTILITIES DAMAGED BY HIS/HER OPERATION. THE CONTRACTOR SHALL LOCATE AND PRESERVE ALL FACILITIES INCLUDING SEWER, WATER, GAS, IRRIGATION, POWER, STREET LIGHTS, TELEPHONE AND OTHERS WHICH MAY BE IN THE AREA OF CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST TWO FULL WORKING DAYS PRIOR TO THE START OF ANY WORK TO ARRANGE FOR INSPECTION IN CITY RIGHT OF WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL REQUIREMENTS OF THE CITY'S PERMIT(S).
- THE CONTRACTOR SHALL PROVIDE, AT ALL TIMES, LIGHTS, SIGNS, BARRICADES, CONES, FLAGGERS, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY AND TO MAINTAIN TRAFFIC CONTROLS.
- STORAGE OF MATERIALS & EQUIPMENT WILL NOT BE ALLOWED UPON CITY STREETS WITHOUT THE APPROVAL OF THE ENGINEER. ALL MATERIALS INTENDED FOR USE ON ANY PROJECT SHALL BE OFF-LOADED DIRECTLY FROM DELIVERY VEHICLES AND PLACED AS REQUIRED DURING THE COURSE OF CONSTRUCTION. SHOULD THE PERMIT HOLDER OR HIS/HER CONTRACTORS WISH TO STOCKPILE MATERIALS NEAR THE WORK SITE, THEY SHALL MAKE ARRANGEMENTS IN ADVANCE FOR STORAGE. ALL STORAGE SITES SHALL BE SECURE, INACCESSIBLE TO THE GENERAL PUBLIC AND KEPT FREE OF CONSTRUCTION SOIL, DEBRIS AND TRASH AT ALL TIMES. EQUIPMENT SHALL BE SECURED AND LOCKED WITH PROTECTIVE COVERS IN PLACE. ADEQUATE BARRICADES WITH OPERABLE FLASHERS SHALL BE INSTALLED AROUND THE EQUIPMENT AND REMAIN IN WORKING ORDER AT ALL TIMES. STORAGE SITES SHALL BE SUBJECT TO THE REVIEW AND APPROVAL OF THE ENGINEER.
- CONTRACTOR SHALL, AT ALL TIMES, KEEP THE PROJECT SITE IN A NEAT AND SAFE CONDITION. UPON COMPLETION OF ANY PORTION OF WORK, THE CONTRACTOR SHALL PROMPTLY REMOVE ALL HIS/HER EQUIPMENT AND SURPLUS MATERIALS. CONTRACTOR SHALL, AT OWN EXPENSE, DISPOSE OF ALL RUBBISH, UNUSED MATERIALS, AND OTHER EQUIPMENT BELONGING TO THE CONTRACTOR OR USED IN PERFORMANCE OF WORK, TO THE SATISFACTION OF THE ENGINEER. AFTER COMPLETION OF THE PROJECT, CONTRACTOR SHALL LEAVE THE PROJECT SITE IN EQUAL OR BETTER CONDITION.
- CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS.
- ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- ALL MATERIALS & METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, STATE STANDARD SPECIFICATIONS AND STANDARD PLANS CURRENT EDITIONS, AND THE LATEST VERSION OF THE CITY OF BERKELEY (CITY) STANDARD PLANS, AND SUBJECT TO INSPECTION BY THE CITY.
- ACCESSIBLE ROUTES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS. TEMPORARY TRAFFIC CONTROL AND PEDESTRIAN ACCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL CITY OF BERKELEY MONUMENTS LOCATED WITHIN THE PROJECT AREA MUST BE REFERENCED, PRIOR TO WORK COMMENCING, BY A LICENSED LAND SURVEYOR AS REQUIRED BY SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE. CORNER RECORDS OF THIS WORK MUST BE SUBMITTED FOR FILING TO BOTH THE COUNTY SURVEYOR OF ALAMEDA COUNTY, AND THE CITY OF BERKELEY, PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION, SURVEY SECTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF EXISTING SURVEY MONUMENTS, BENCHMARKS, REFERENCE POINTS AND STAKES. SHOULD ANY SURVEY MONUMENTS, BENCHMARKS, REFERENCE POINTS, OR STAKES BE DAMAGED OR DESTROYED DURING THE PERFORMANCE OF THIS WORK, THE CONTRACTOR SHALL REPLACE SAID ITEMS PER CITY STANDARDS IN ACCORDANCE WITH THE SPECIFICATIONS AND CONTACT THE ENGINEER FOR FINAL INSPECTION AND ACCEPTANCE OF THE WORK.

1. IF SIGNIFICANT SEDIMENT OR OTHER VISUAL SYMPTOMS OF IMPURITIES ARE NOTICED IN THE STORM WATER, CONTACT THE ENGINEER IMMEDIATELY.
2. CONTRACTOR IS RESPONSIBLE FOR INSPECTION AND RESTORATION OF ALL ASPECTS OF THIS PLAN. SEDIMENT ON SIDEWALKS AND GUTTERS SHALL BE REMOVED AND DISPOSED OFFSITE.
3. ALL DUMPSTERS OR OTHER TRASH STORAGE ENCLOSURES SHALL BE UTILIZED SOLELY FOR NON-HAZARDOUS MATERIALS.
4. ALL EMPLOYEES, CONTRACTORS, AND SUBCONTRACTORS ARE RESPONSIBLE FOR CONFORMING TO THE ELEMENTS SHOWN ON THIS PLAN OR RELATED DOCUMENTS.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND FILING ALL PLANS WITH RELATED AGENCIES ASSOCIATED WITH THEIR WORK. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, PERMITS FOR STORAGE OF HAZARDOUS MATERIALS, BUSINESS PLANS, PERMITS FOR STORAGE OF FLAMMABLE LIQUIDS, GRADING PERMITS, OR OTHER PLANS OR PERMITS REQUIRED BY ALAMEDA COUNTY, THE CITY OF BERKELEY, OR OTHER AGENCIES. ALL CONTRACTORS, OR SUBCONTRACTORS WORKING ON-SITE



10






















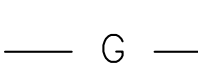

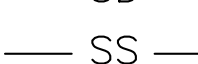

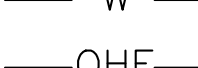
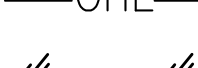
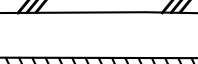

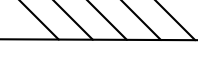

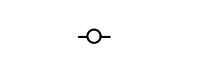
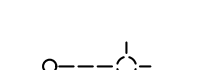
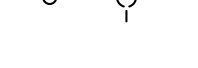

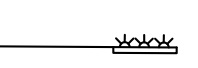







PROJECT MANAGER: _____ DATE _____

0 1 2 3
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

SUBMITTED:	DATE _____
_____	R.C.E. _____
SUPERVISING CIVIL ENGINEER	EXP. _____
APPROVED:	DATE _____
_____	R.C.E. _____
CITY ENGINEER	EXP. _____

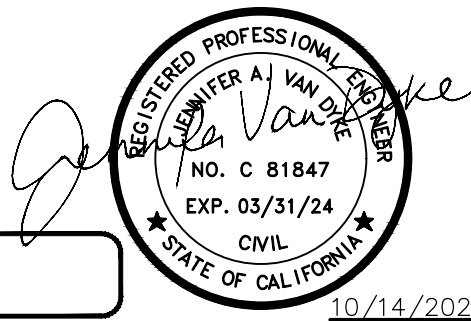
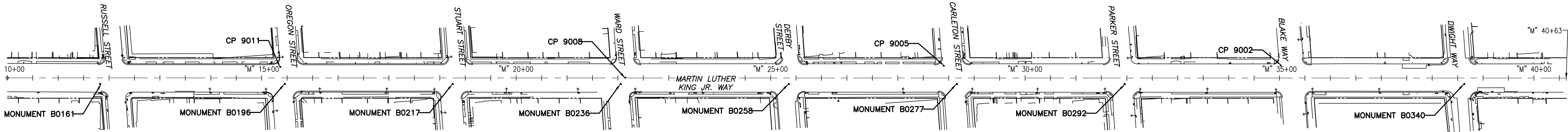
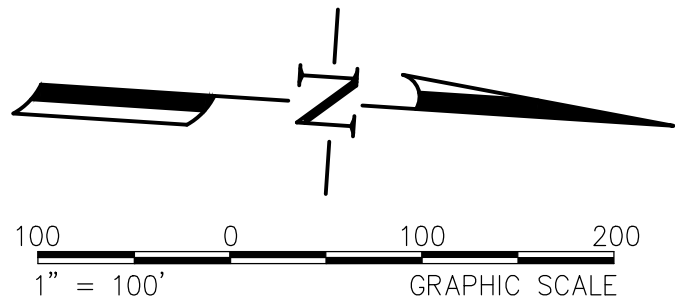
PLAN 8262
FILE 503-632
G-2
SHEET 2 OF 24

LEGEND & ABBREVIATIONS SHALL MEET CALTRANS STANDARD PLANS A10A, A10B, ES-1A, ES-1B, AND ES-1C SUPPLEMENTED WITH THE FOLLOWING CITY SYMBOLS:

	- Ex. Gas Meter	AB	AGGREGATE BASE
	- Ex. Water Meter	AC	ASPHALT CONCRETE
	- Ex. Gas Valve	AD	AREA DRAIN
	- Ex. Water Valve	BC	BEGINNING OF CURVE
	- Ex. Fire Hydrant	B/L	BASE LINE
	- Ex. Junction Pole	BOW	BACK OF SIDEWALK
	- Ex. Power Pole	BLDG	BUILDING
	- Ex. Junction Pole w/Light	BMP	BEST MANAGEMENT PRACTICES
	- Ex. Wheel Chair Ramp	CB	CATCH BASIN
	- Ex. Survey Monument	C&G	CURB AND GUTTER
	- Ex. Benchmark	CI	CAST IRON
	- Ex. Control	CL	CENTERLINE
	- Ex. Misc. Survey Point	C, CONC	CONCRETE
	- Control Set During Survey	CP	CONTROL POINT
	- Ex. Maintenance Hole	DI	DROP INLET
	- Ex. Storm Drain Maintenance Hole	DEP	DEPRESSED
	- Ex. Sewer Riser	DESC	DESCRIPTION
	- Ex. Junction Box	DWS	DETECTABLE WARNING SURFACE
	- Ex. Catch Basin	DWY	DRIVEWAY
	- Ex. Curb Inlet	EC	END OF CURVE
	- Ex. Culvert Inlet/Outlet	EG	EXISTING GRADE
	- Electric Conduit	EP	EDGE OF PAVEMENT
	- Gas Line	EL	ELEVATION
	- Storm Drain Line	EX	EXISTING
	- Sanitary Sewer Line	FFC	FRONT FACE OF CURB
	- Water Line	FG	FINISH GRADE
	- Overhead Electric	F/L, FL	FLOWLINE
	- Edge of Pavement	FS	FINISH SURFACE
	- Wall (Size and Type)	FSP	FLATTENED STEEL PIPE
	- Building Wall	GB	GRADE BREAK
	- Hedge	HC	HANDICAP
	- Utility Pole	HDPE	HIGH DENSITY POLYETHYLENE PIPE
	- Utility Pole with Light	HMA	HOT MIX ASPHALT
	- Existing Tree	HP	HIGH POINT
	- Existing Flashing Beacon	HSS	HOLLOW STRUCTURAL SECTION
	- Shrub	INV	INVERT
	- Trees (Size and Type)	IRR	IRRIGATION
	- Flashing Beacon	JB	JUNCTION BOX
	- Maintenance Hole	JP	JOINT POLE
	- Spot Elevation	LF	LINEAL FEET
	- Roadside Sign	LP	LOW POINT
	- Portland Cement Concrete	LOW	LIMIT OF WORK
	- Detectable Warning Surface	MH	MAINTENANCE HOLE
		MIN	MINIMUM
		MON	SURVEY MONUMENT
		NG	NATURAL GROUND
		NTS	NOT TO SCALE
		OC	ON CENTER
		PB	PULL BOX
		PCC	PORTLAND CEMENT CONCRETE
		PC	POINT OF COMPOUND CURVE
		PG&E	PACIFIC GAS AND ELECTRIC
		PL	PROPERTY LINE
		POC	POINT ON CURVE
		PVC	POLYVINYL CHLORIDE PIPE
		PRC	POINT OF REVERSE CURVE
		PVC	POLY VINYL CHLORIDE PIPE
		RCP	REINFORCED CONCRETE PIPE
		RW	RIGHT OF WAY
		SE	SOUTHEAST
		SS	SANITARY SEWER
		SSMH	SANITARY SEWER MAINTENANCE HOLE
		SD	STORM DRAIN
		SDCO	STORM DRAIN CLEAN OUT
		SDMH	STORM DRAIN MAINTENANCE HOLE
		SQ, SF	SQUARE FEET
		SSMH	SANITARY SEWER MAINTENANCE HOLE
		SW	SIDEWALK, SOUTHWEST
		TC	TOP OF CURB
		TEL	TELEPHONE
		TS	TRAFFIC SIGNAL
		TYP	TYPICAL
		UNO	UNLESS NOTED OTHERWISE
		VIF	VERIFY IN FIELD

"M" ALIGNMENT DATA			
LOCATION	STATION	NORTHING	EASTING
BEG	10+00.00	2138827.5336	6050341.472
END	40+63.00	2141882.8997	6050125.3215
LENGTH		BEARING	
3063.5		N 03° 58' 32" W	

SURVEY CONTROL POINTS				
CONTROL DATA (U.S. SURVEY FOOT)				
-HORIZONTAL CONTROL IN GROUND VALUES USING AN ASSUMED ORIGIN				
-VERTICAL CONTROL IN CITY OF BERKELEY DATUM				
DESIGNATION	NORTHING	EASTING	ELEVATION	DESCRIPTION
CITY MONUMENTS USED				
B0161	2139009.6800	6050329.8240	114.03	BPCM3
B0196	2139371.6854	6050304.6615	N/A	BPCM3
B0217	2139701.0119	6050281.7909	113.38	BPCM3
B0236	2140030.2734	6050258.9072	N/A	BDCM16P-CoB-LS5797
B0258	2140359.5657	6050236.0303	N/A	BPCM3
B0277	2140688.8727	6050213.1297	N/A	BPCM3
B0292	2141018.1845	6050190.2778	N/A	BDCM16P-CoB-LS8525
B0340	2141683.7255	6050143.9532	131.29	IPCM2
CONTROL SET				
CP 9002	2141321.3200	6050132.2307	131.17	MAG NAIL - FLTX
CP 9005	2140660.9500	6050179.1100	126.57	MAG NAIL - FLTX
CP 9008	2140038.1100	6050245.7800	118.88	MAG NAIL - FLTX
CP 9011	2139360.5500	6050271.7100	112.52	MAG NAIL - FLTX
NOTE: THE CONTROL TABLE VALUES CONTAINED HEREIN HAVE BEEN REVIEWED BY A CITY OF BERKELEY SURVEY CHIEF OF PARTY FOR CONFORMITY WITH RECORD INFORMATION ONLY. NO FIELD VERIFICATION OF THIS DATA HAS BEEN PERFORMED BY CITY OF BERKELEY SURVEY CREWS.				



501 CANAL BLVD., SUITE 1
RICHMOND, CA, 94804
(510) 215-3620 • FAX (510) 215-2898

PROJECT MANAGER:	DATE
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	

DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF	
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING CIVIL ENGINEER	R.C.E. EXP.
APPROVED:	DATE
CITY ENGINEER	R.C.E. EXP.

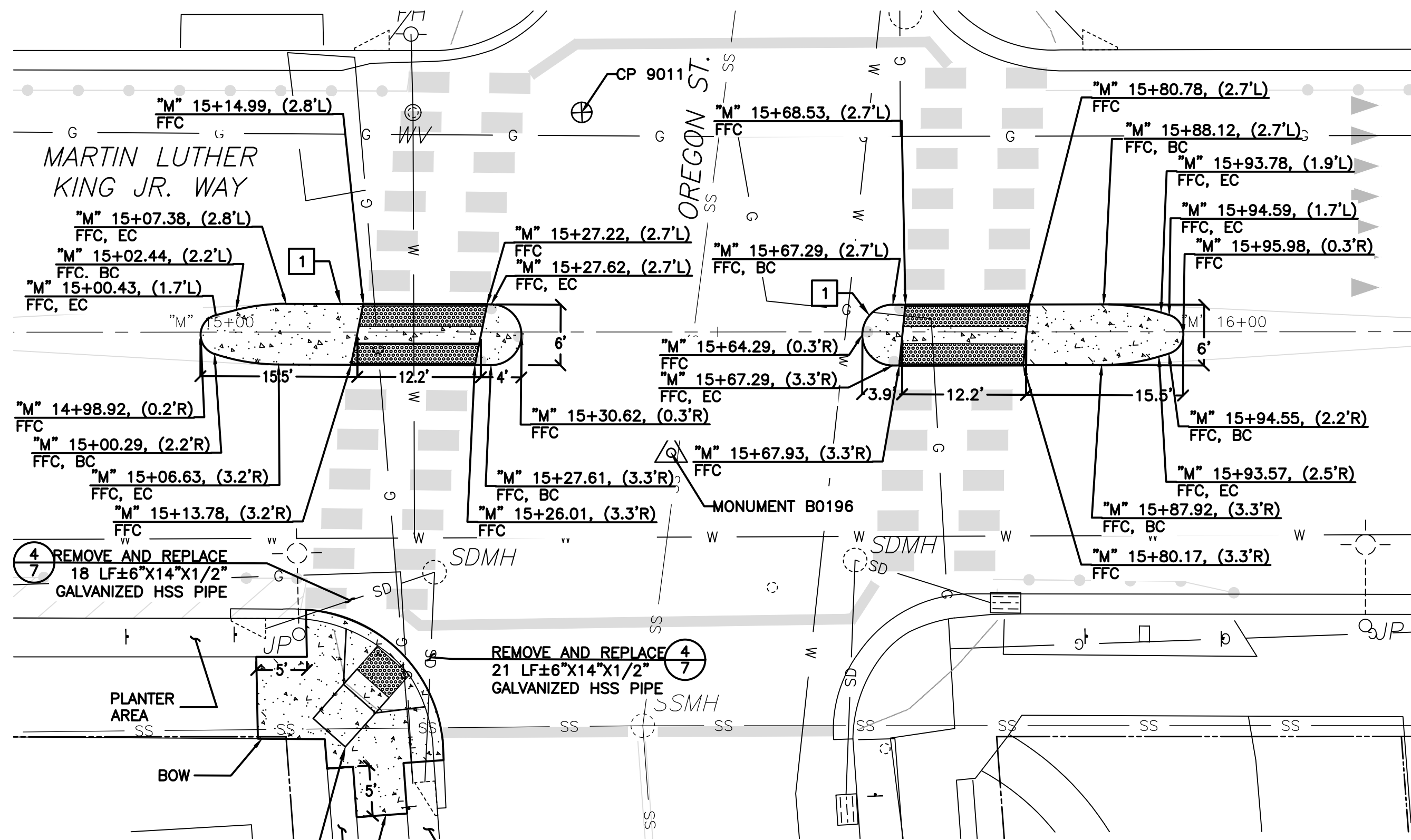
DESIGN	JV	HORIZ.	
DRAWN	MA	VERT.	
CHECK	AJ	BOOK	
AS BUILT		DATE	10/14/2022

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

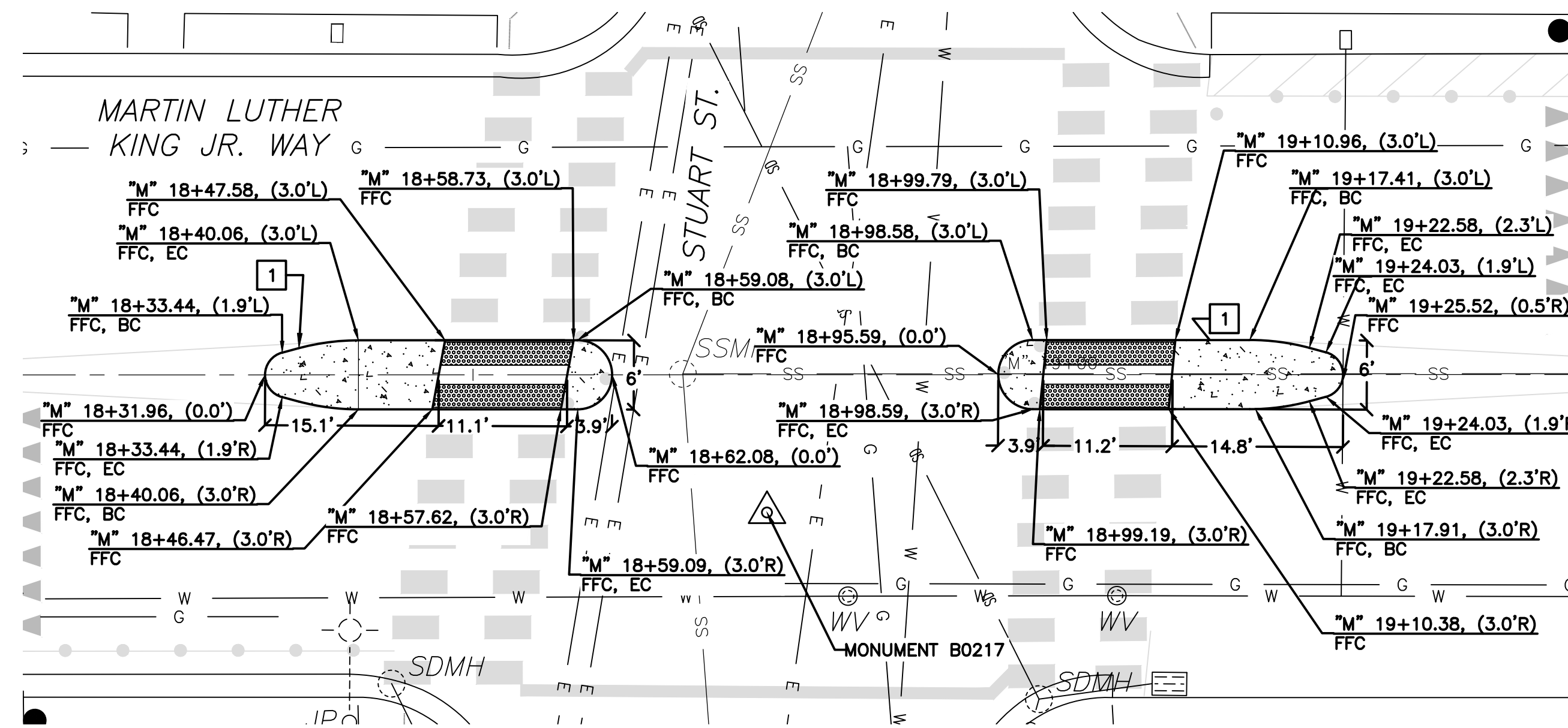
MARTIN LUTHER KING JR. WAY VISION ZERO
QUICK BUILD PROJECT (DWIGHT WAY TO
RUSSELL STREET)
HORIZONTAL AND SURVEY CONTROL

PLAN	8262
FILE	503-632
	C-1
SHEET	3 OF 24

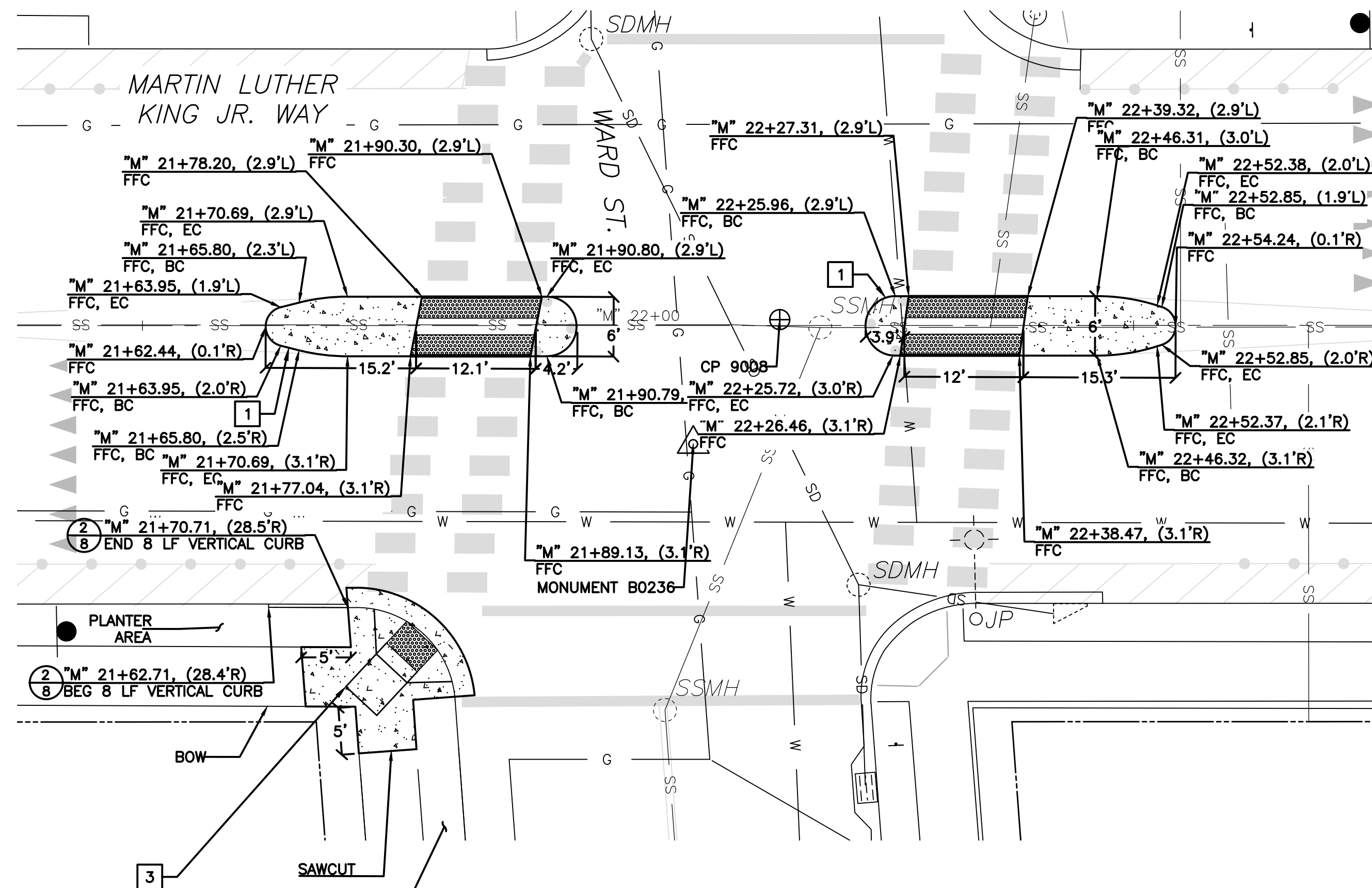
APPROVAL	DESCRIPTION	DATE	MARK	REVISION



DETAIL 'A'
MARTIN LUTHER KING JR. WAY AT
OREGON STREET
1:10



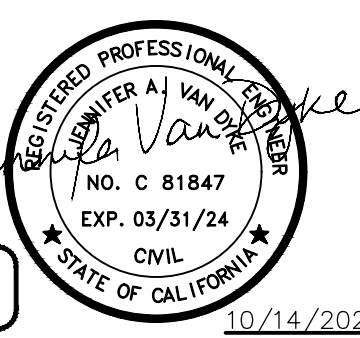
DETAIL 'B'
MARTIN LUTHER KING JR. WAY AT
STUART STREET
1:10



DETAIL 'C'
MARTIN LUTHER KING JR. WAY AT
WARD STREET
1:10

PROJECT NOTES (THIS SHEET ONLY):

- 1 INSTALL MEDIAN REFUGE ISLAND, SEE SHEET 6 FOR DETAILS.
- 2 INSTALL MEDIAN ISLAND, SEE SHEET 6 FOR DETAILS. NO MEDIAN NOSE IS PROPOSED AT THIS LOCATION.
- 3 REMOVE AND REPLACE CONCRETE CURB RAMP, SEE DETAILS ON SHEETS 7 AND 8.



501 CANAL BLVD., SUITE 1
RICHMOND, CA. 94804
(510) 215-3620 • FAX (510) 215-2898

PROJECT MANAGER: _____ DATE _____
DEPICTION OF MONUMENTS: _____ DATE _____
SURVEY PARTY CHIEF: _____ DATE _____
WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____
SUPERVISING CIVIL ENGINEER: _____ DATE _____
APPROVED: _____ DATE _____
CITY ENGINEER: _____ DATE _____

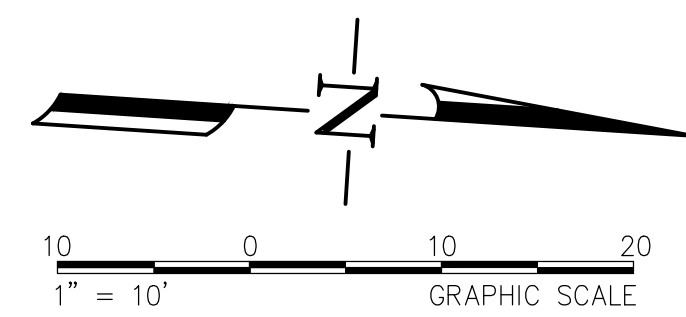
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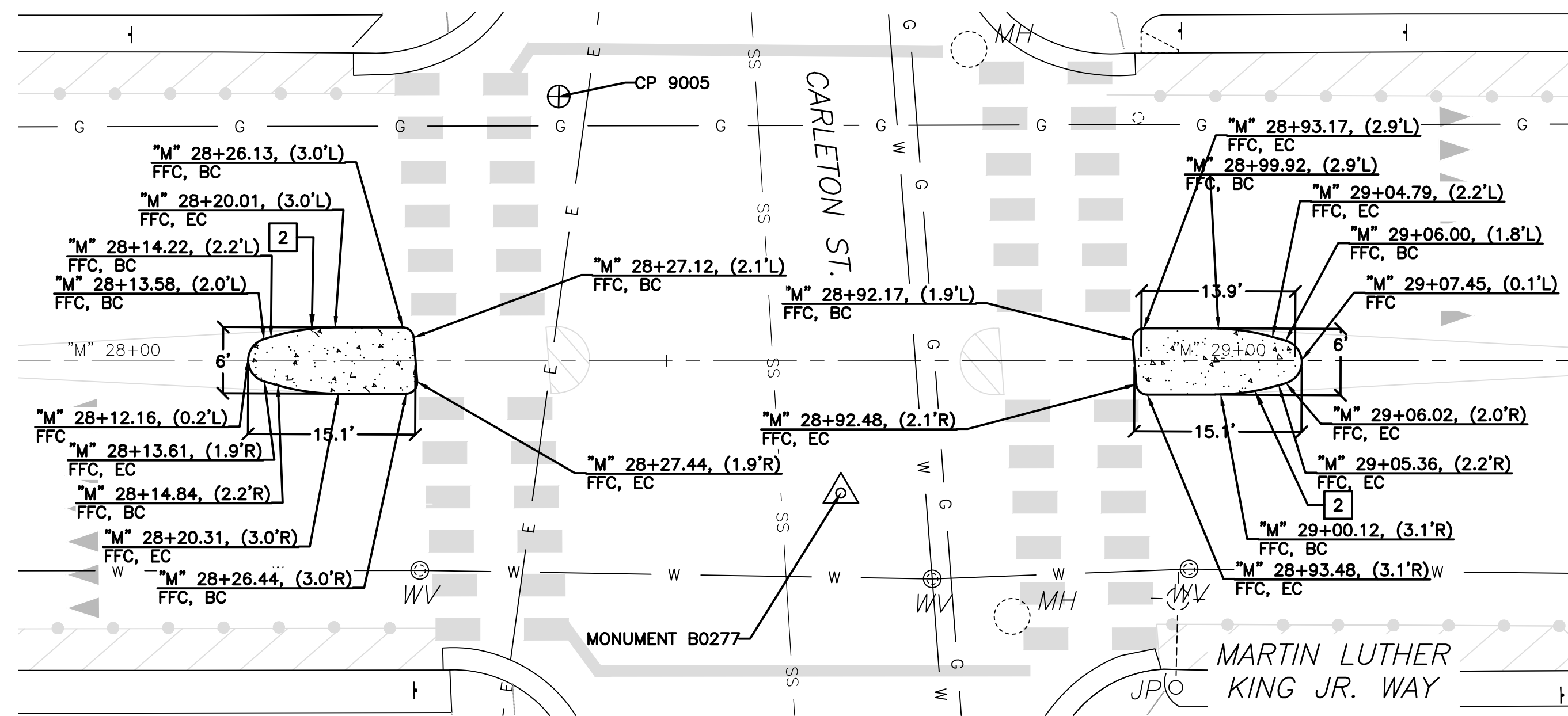
HORIZ. _____
VERT. _____
BOOK _____
DATE 10/14/2022

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

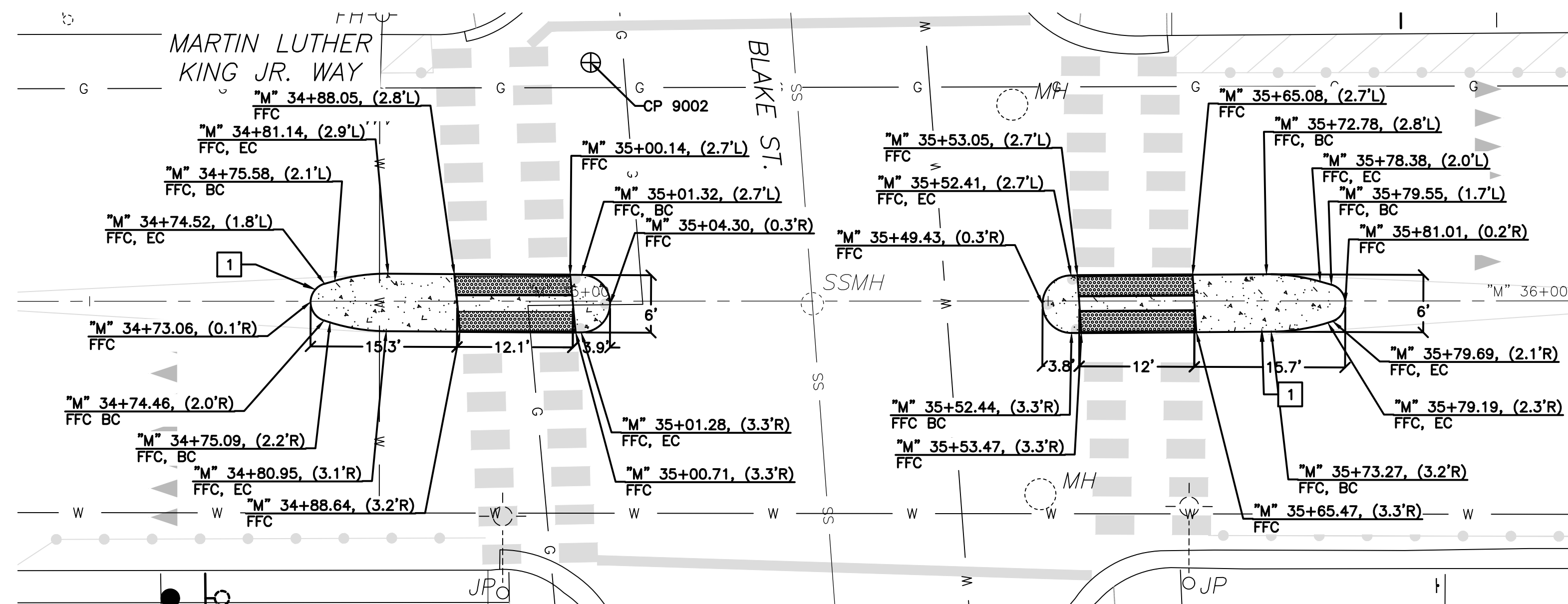
MARTIN LUTHER KING JR. WAY VISION ZERO
QUICK BUILD PROJECT (DWIGHT WAY TO
RUSSELL STREET)
MEDIAN PLANS

PLAN 8262
FILE 503-632
C-2
SHEET 4 OF 24

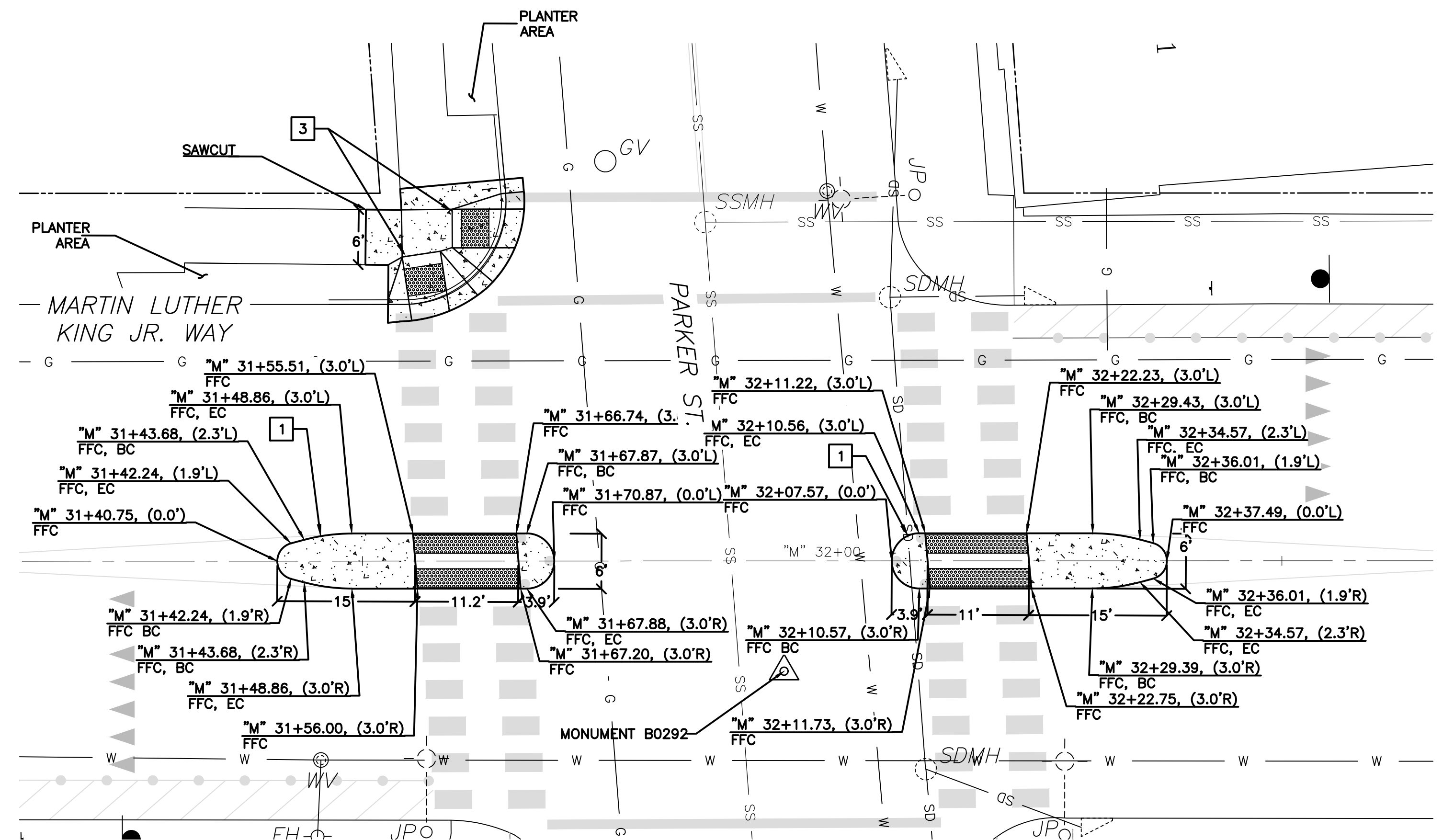




DETAIL 'D'
MARTIN LUTHER KING JR. WAY AT
CARLETON STREET
1:10



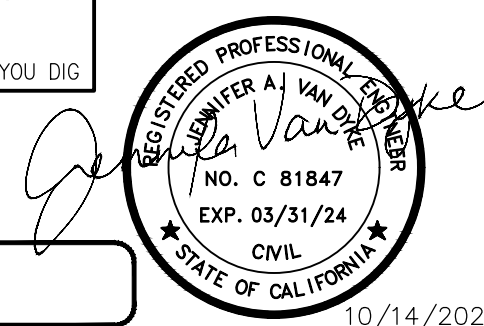
DETAIL 'F'
MARTIN LUTHER KING JR. WAY AT
BLAKE STREET
1:10



DETAIL 'E'
MARTIN LUTHER KING JR. WAY AT
PARKER STREET
1:10

PROJECT NOTES (THIS SHEET ONLY):

1. INSTALL MEDIAN REFUGE ISLAND, SEE SHEET 6 FOR DETAILS.
2. INSTALL MEDIAN ISLAND, SEE SHEET 6 FOR DETAILS. NO MEDIAN NOSE IS PROPOSED AT THIS LOCATION.
3. REMOVE MINOR CONCRETE AND RECONSTRUCT CURB RAMP, SEE DETAILS ON SHEETS 7 AND 8.



BID SET



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PROJECT MANAGER: _____ DATE _____
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

DEPICTION OF MONUMENTS: _____ DATE _____
SURVEY PARTY CHIEF _____
WATERSHED REVIEW: _____ DATE _____

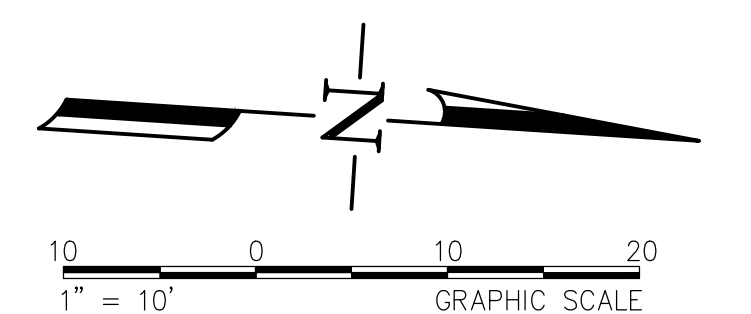
SUBMITTED: _____ DATE _____
SUPERVISING CIVIL ENGINEER _____
APPROVED: _____ DATE _____
CITY ENGINEER _____

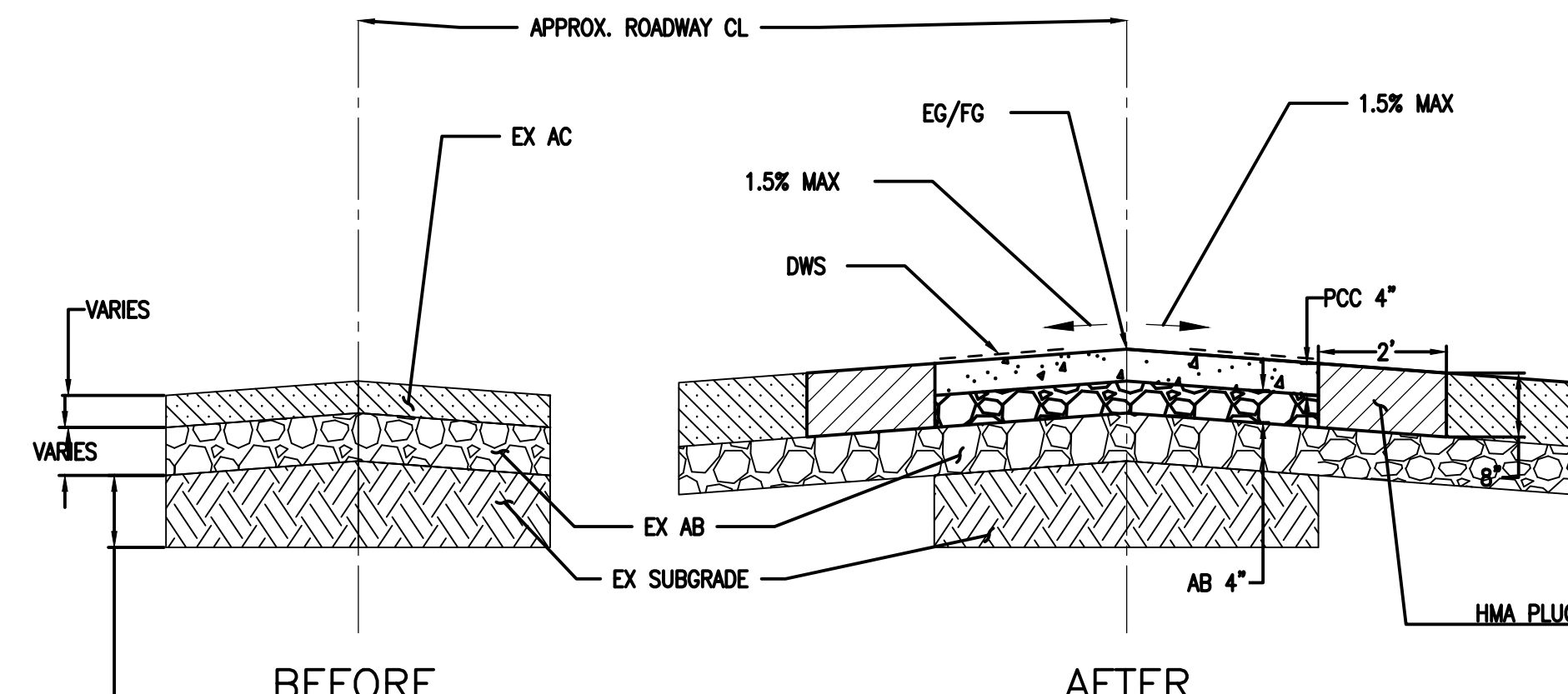
DESIGN: JV
DRAWN: MA
CHECK: AJ
AS BUILT: _____
HORIZ. _____
VERT. _____
BOOK _____
DATE: 10/14/2022

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

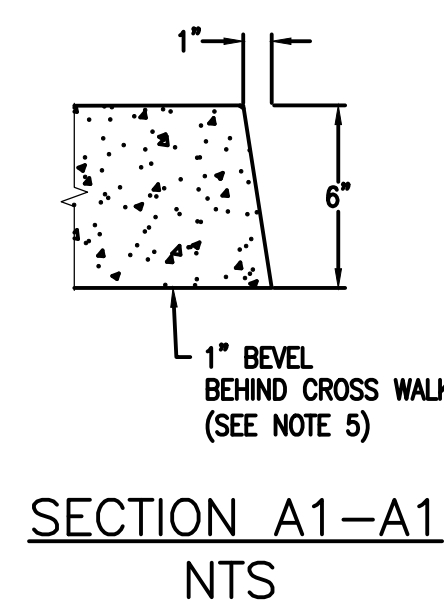
MARTIN LUTHER KING JR. WAY VISION ZERO
QUICK BUILD PROJECT (DWIGHT WAY TO
RUSSELL STREET)
MEDIAN PLANS

PLAN 8262
FILE 503-632
C-3
SHEET 5 OF 24

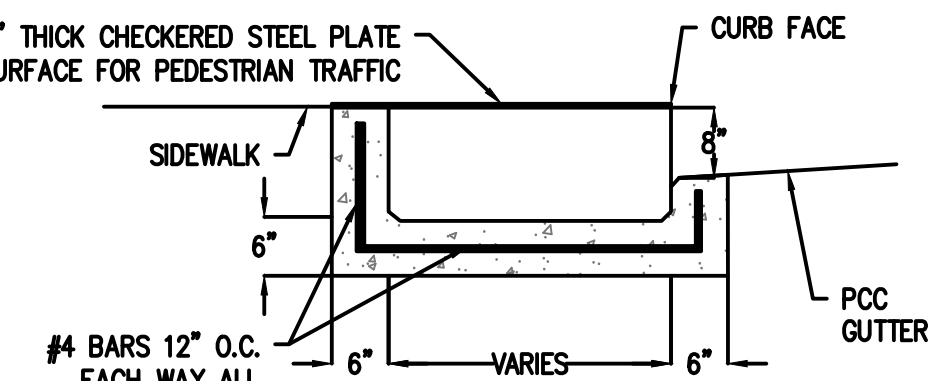




SECTION B-B
NTS



INLET ELEVATION
NTS



BASE
TYPICAL SECTION C-C
NTS

MEDIAN REFUGE ISLAND
NTS



MEDIAN ISLAND (NO NOSE)

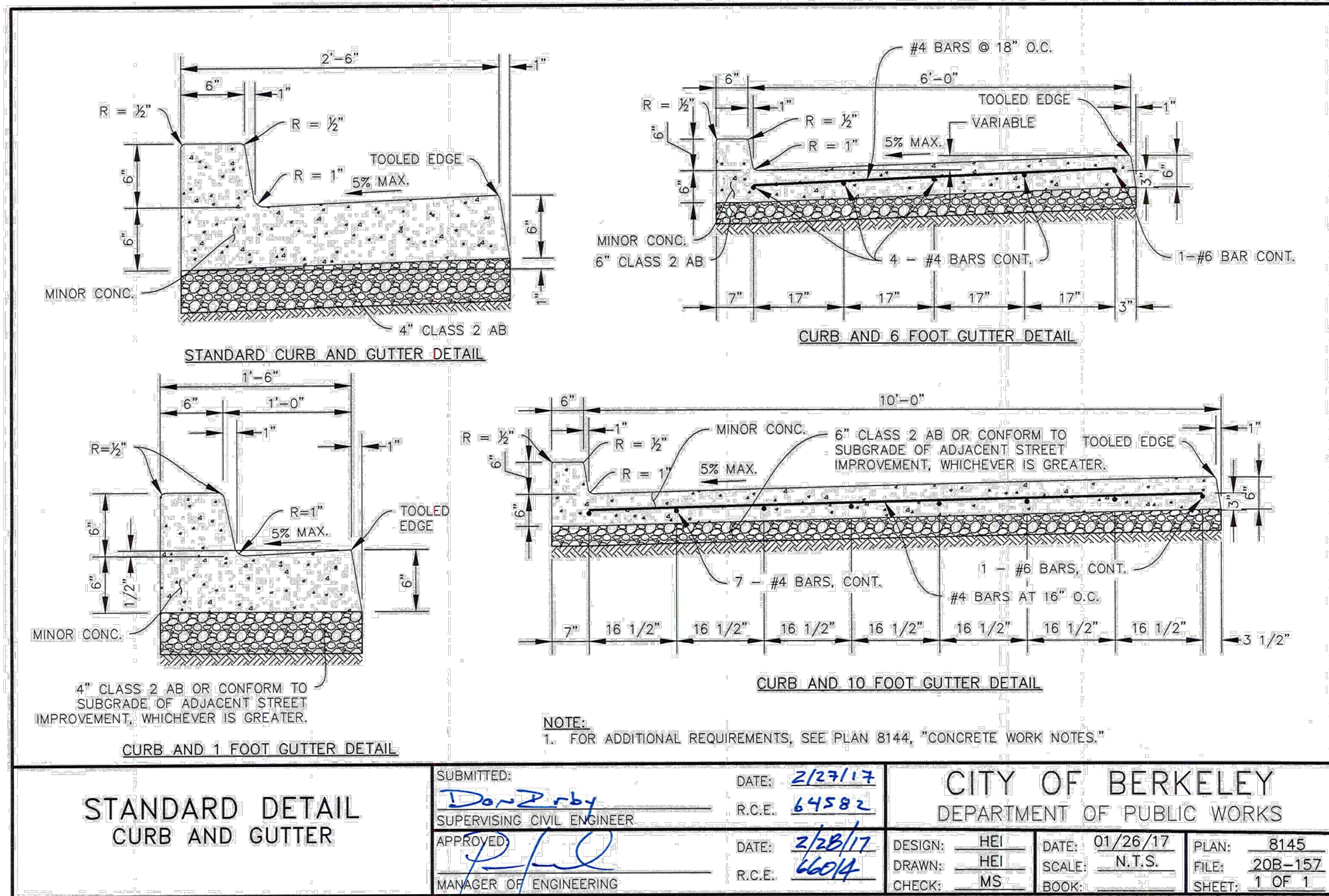


CROSS DRAIN INLET AND OUTLET



Y	MARTIN LUTHER KING JR. WAY VISION ZERO QUICK BUILD PROJECT (DWIGHT WAY TO RUSSELL STREET)
	MEDIAN DETAILS

PLAN **8262**
FILE **503-632**
C-4
SHEET **6** OF **24**

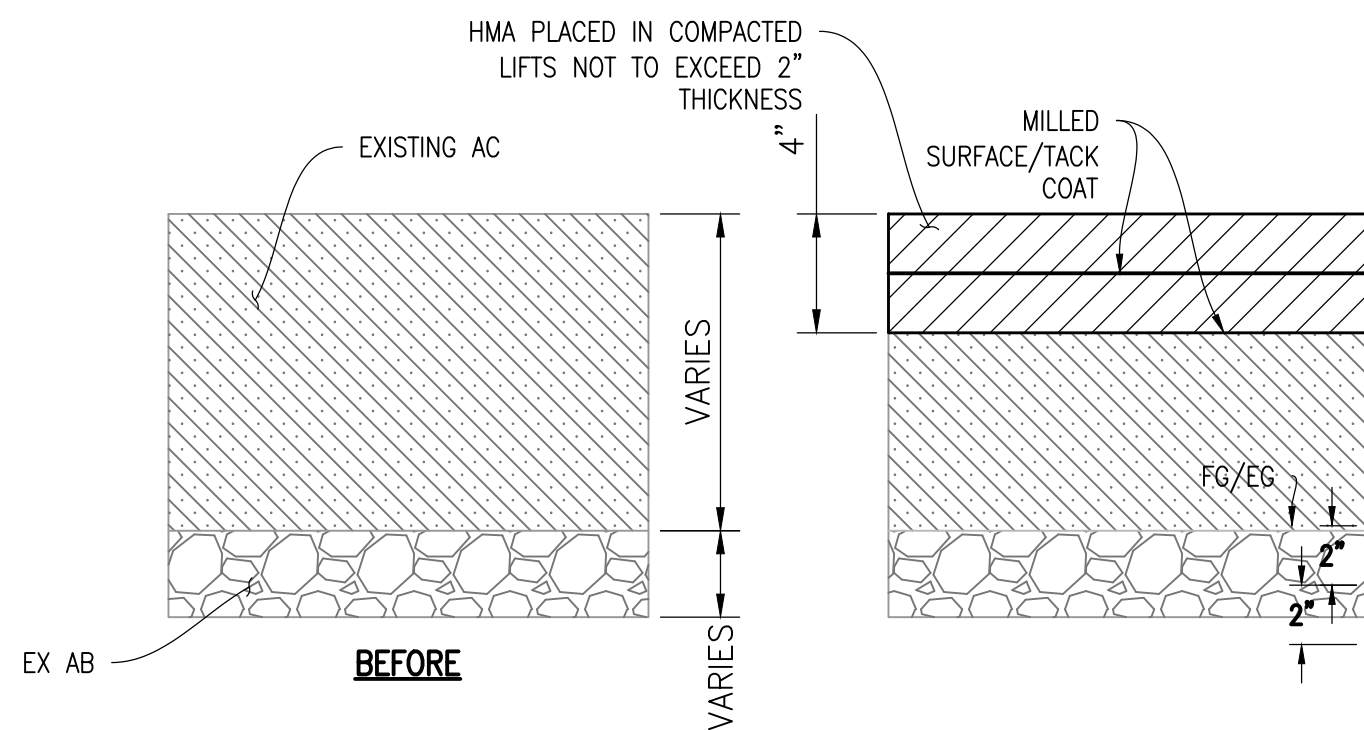


1
8

CONCRETE CURB AND GUTTER

N.T.S.

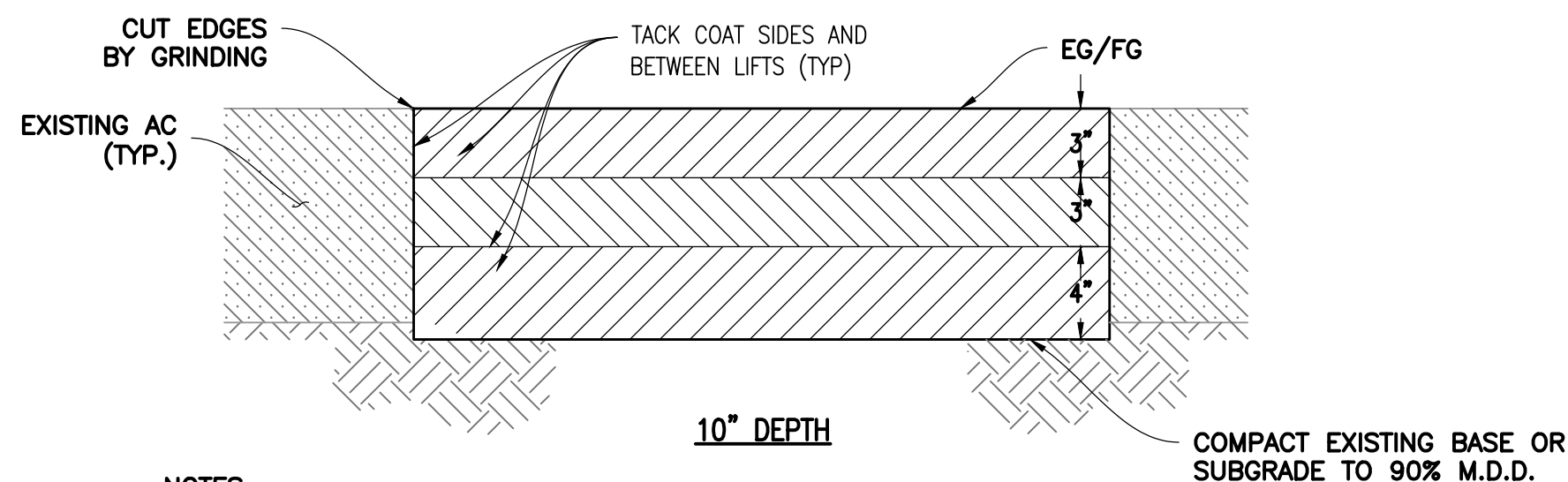
SOURCE: CITY OF BERKELEY STANDARD DETAIL PLAN 8145, FILE: 20B-157, 1/26/17



3
8

4" MILL AND HMA OVERLAY

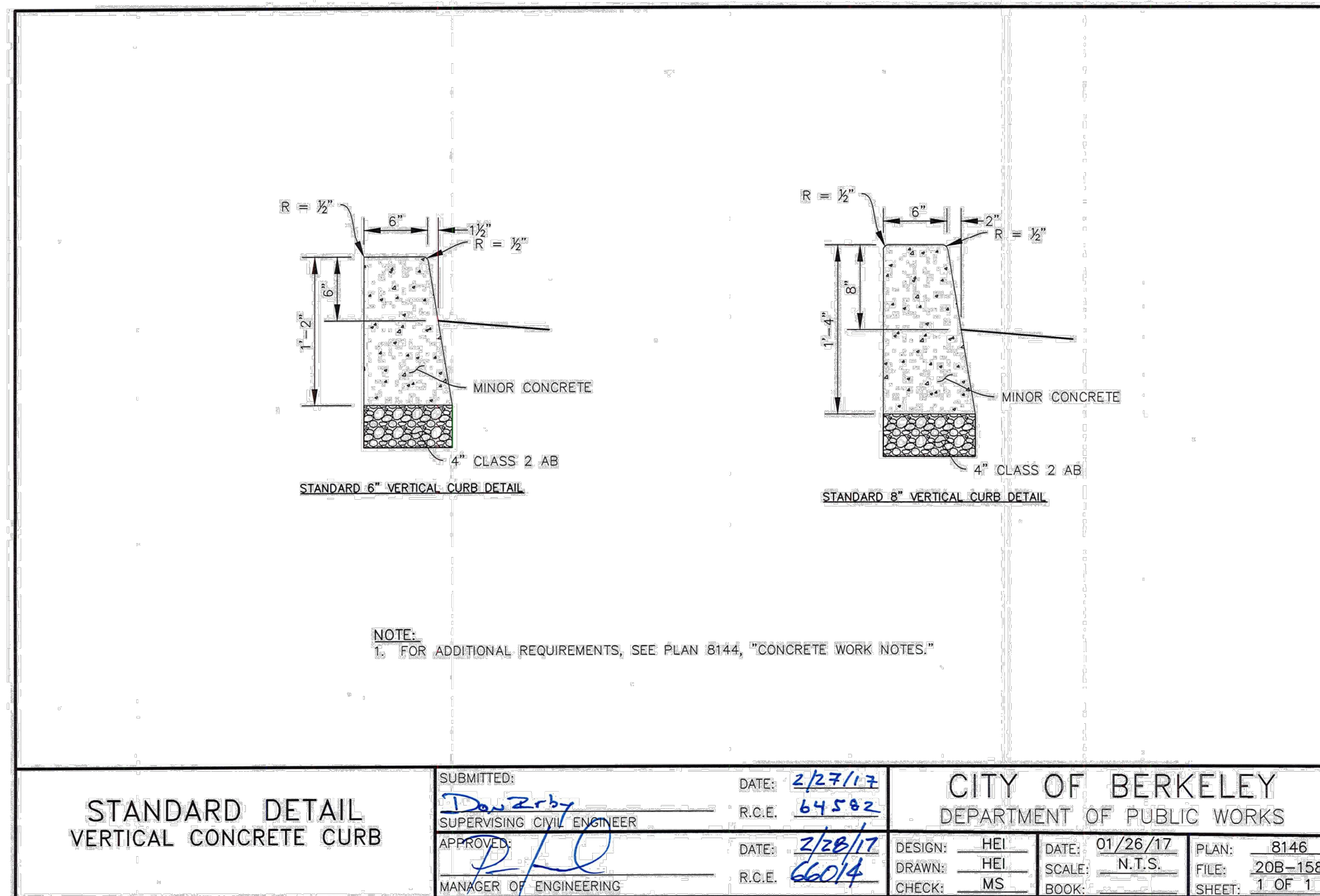
N.T.S.



4
8

FULL DEPTH BASE REPAIR (10-INCH DEPTH)

N.T.S.

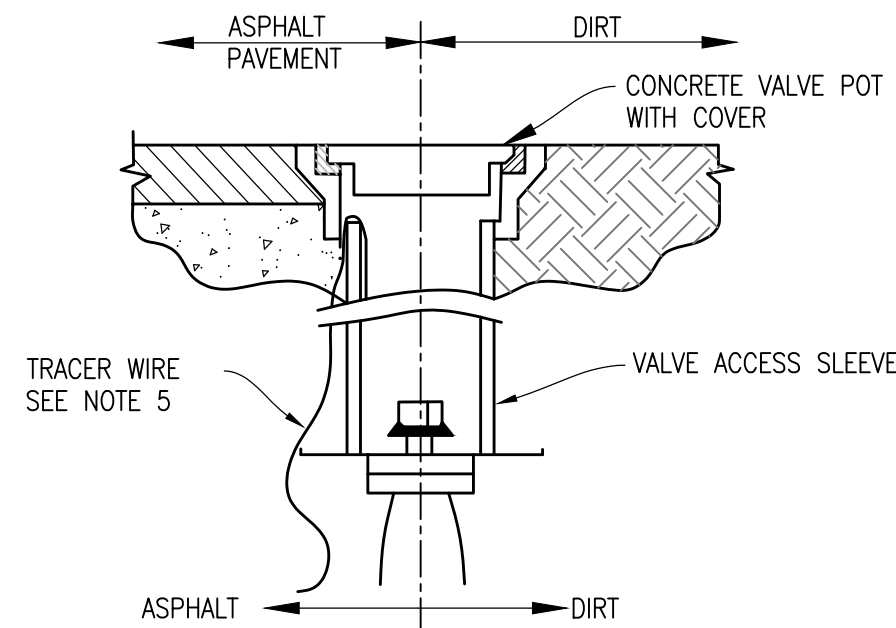


2
8

VERTICAL CONCRETE CURB

N.T.S.

SOURCE: CITY OF BERKELEY STANDARD DETAIL PLAN 8146, FILE: 20B-158, 1/26/2017



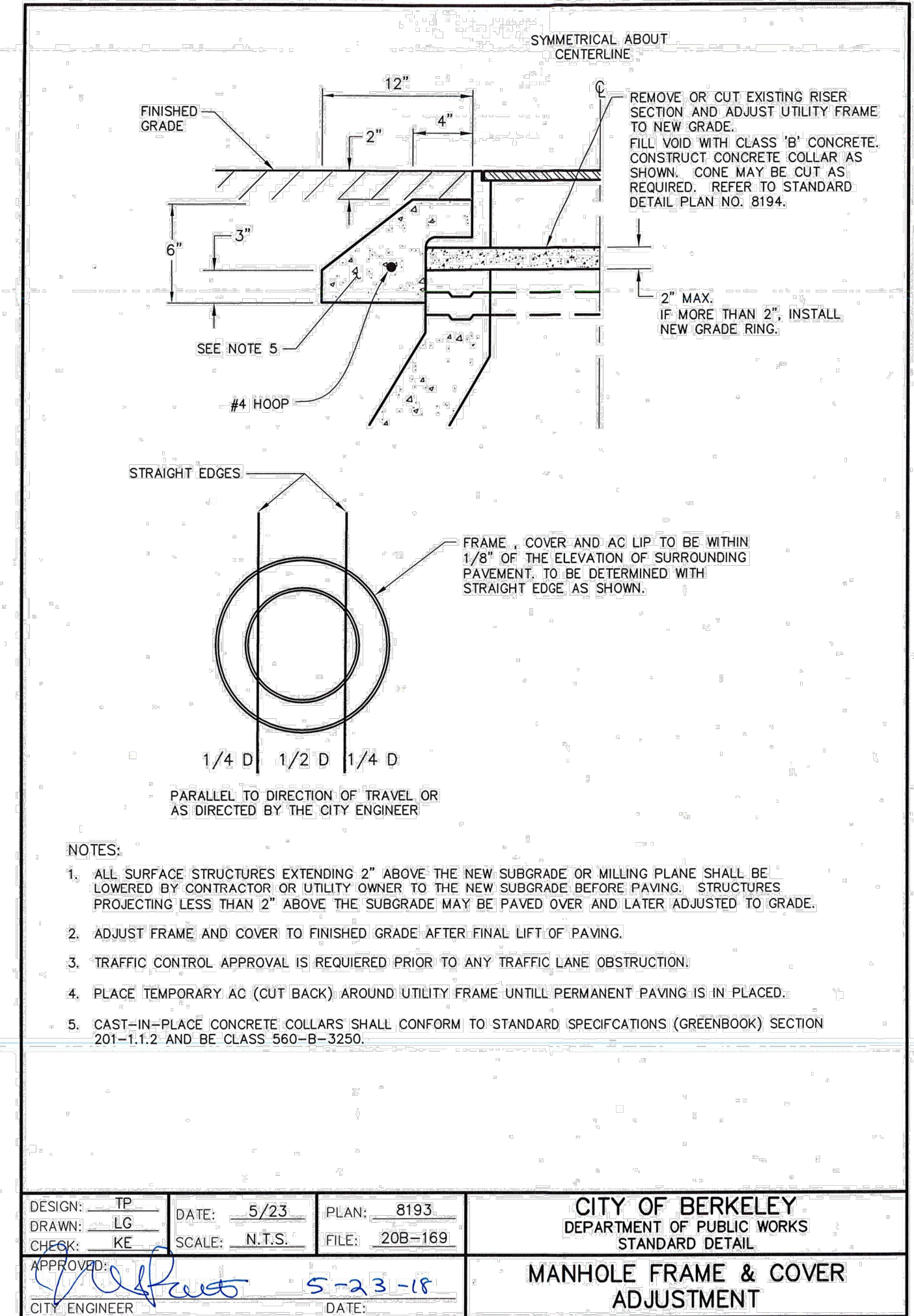
SOURCE: EBMUD "VALVE POT INSTALLATION" 321-EA, JAN 79

- NOTES:
1. AGGREGATE BASE OR OTHER SUITABLE MATERIAL FOR COMPACTION SEE SPECIFICATIONS.
 2. USE REPAIR CLAMP, OR 3 WRAPS OF 2" WIDE PIPE TAPE, OR EQUIVALENT, TO HOLD JOINT IN ALIGNMENT WHILE PLACING CONCRETE.
 3. VALVE ACCESS SLEEVE IS 8.625" O.D. STEEL PIPE, MIN. WALL 10 GA, MAX. SCHEDULE 40 OR SCHEDULE 10 PVC PIPE.
 4. TOP OF VALVE COVER TO FIT FLUSH WITH FINISHED GRADE OF THE STREET OR RIGHT OF WAY.
 5. NON-METALLIC MAINS REQUIRE TRACER WIRE TO BE EXTENDED INTO THE TOP OF THE VALVE POT, IN ACCORDANCE WITH E.B.M.U.D. SPECIFICATIONS.
 6. ON STREET RESURFACING PROJECTS, INSTALL RISER RINGS, AS REQUIRED TO ALLOW GATE POT COVER TO CONFORM WITH ADJACENT SURFACE.
 7. WATER VALVE POT ADJUSTMENT IS A REVOCABLE WORK ITEM AND MAY BE COMPLETED BY UTILITY OWNER.

6
8

WATER VALVE POT ADJUSTMENT

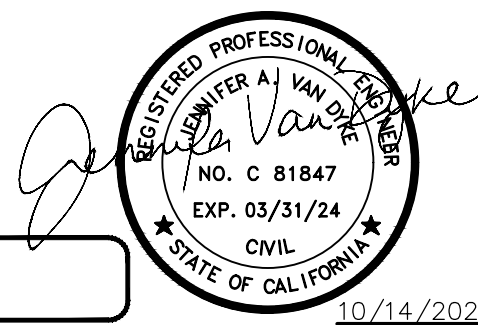
N.T.S.



5
8

MANHOLE FRAME & COVER ADJUSTMENT

N.T.S.



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PROJECT MANAGER: _____ DATE: _____
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SURVEY PARTY CHIEF: _____
WATERSHED REVIEW: _____ DATE: _____

SUBMITTED: _____ DATE: _____
SUPERVISING CIVIL ENGINEER: _____
APPROVED: _____ DATE: _____
CITY ENGINEER: _____

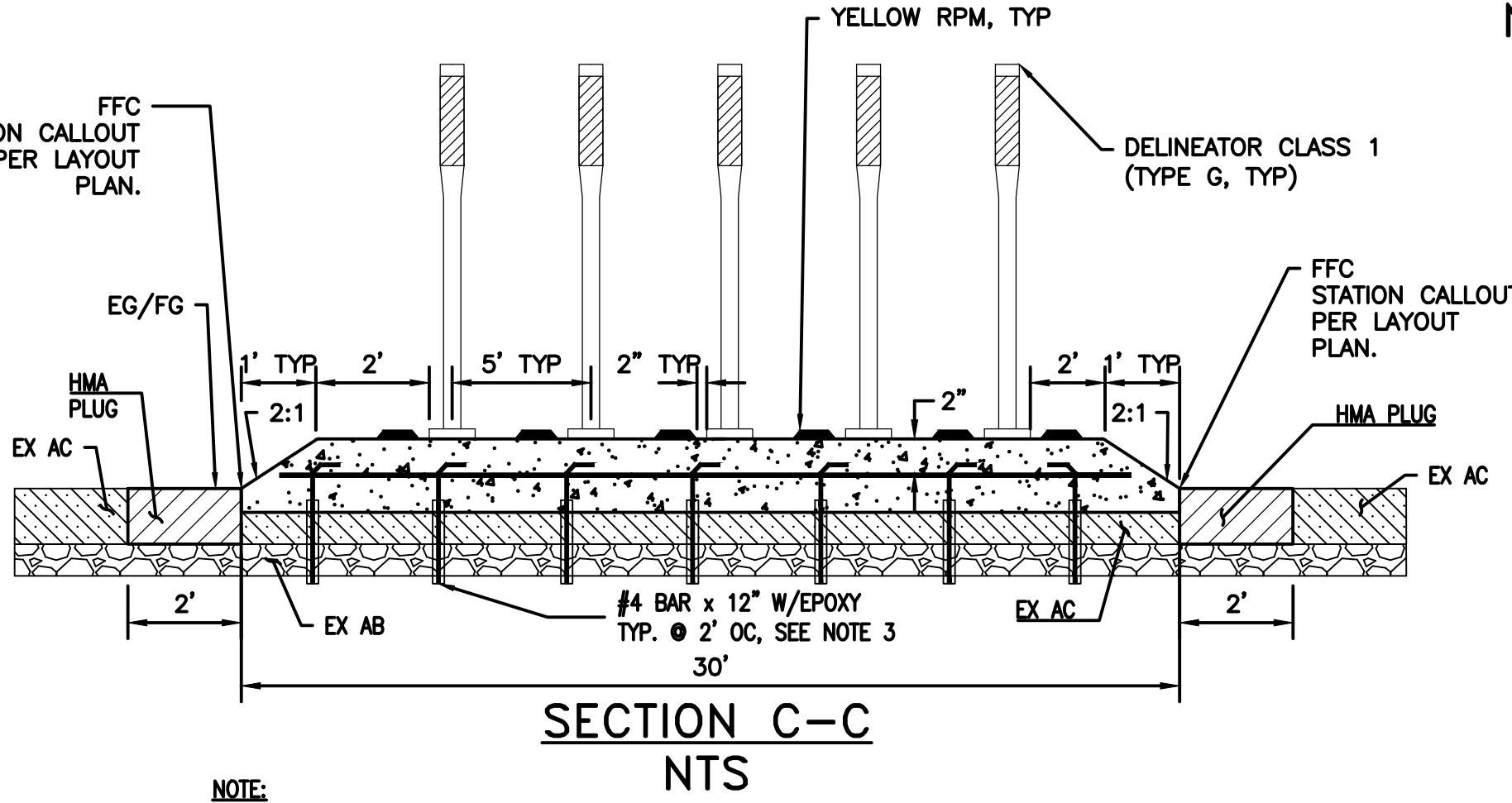
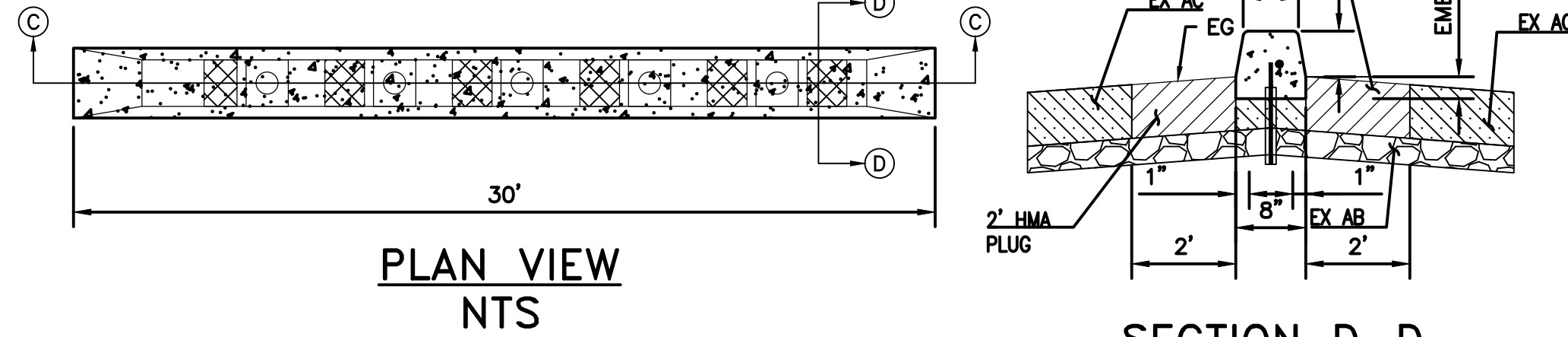
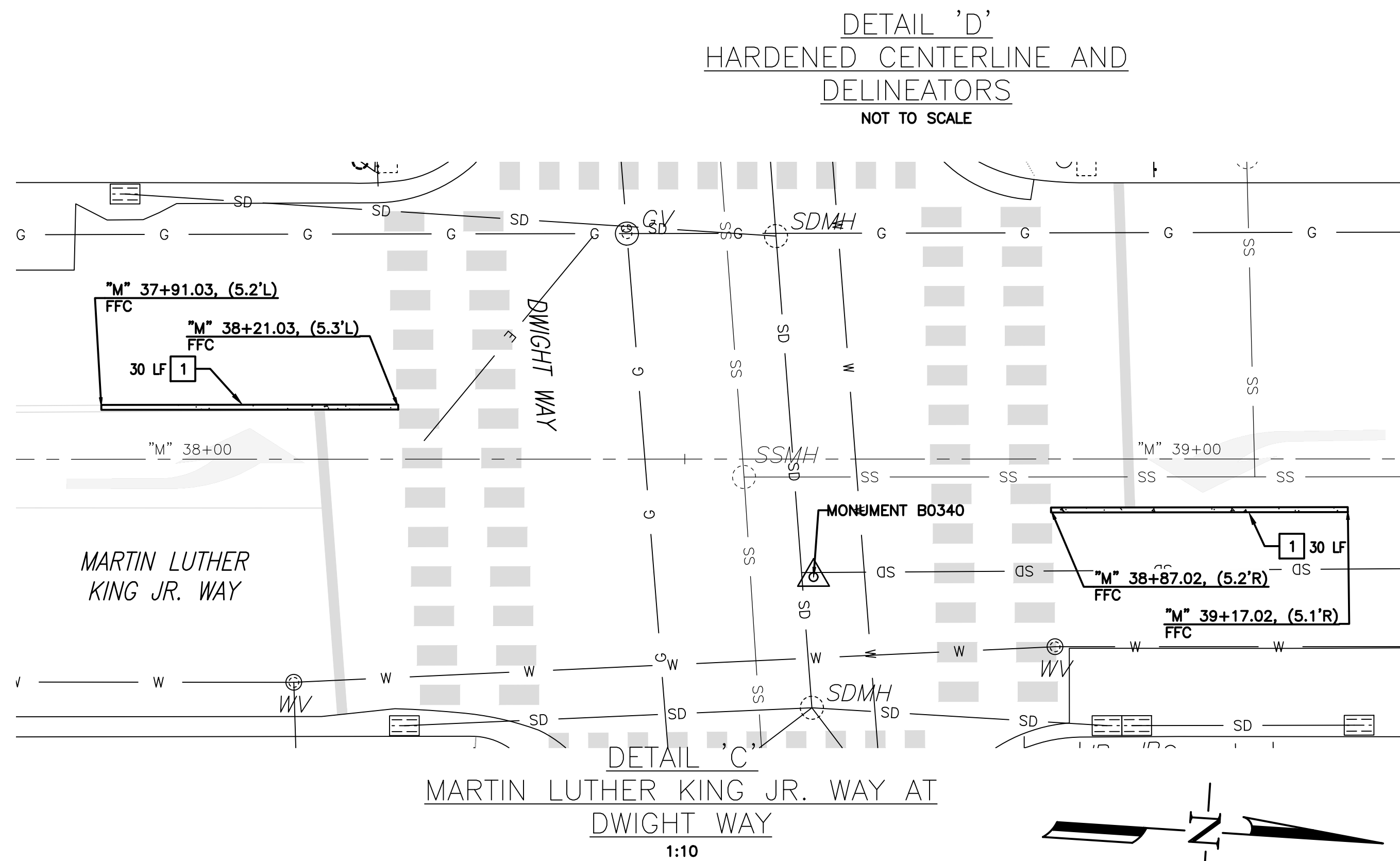
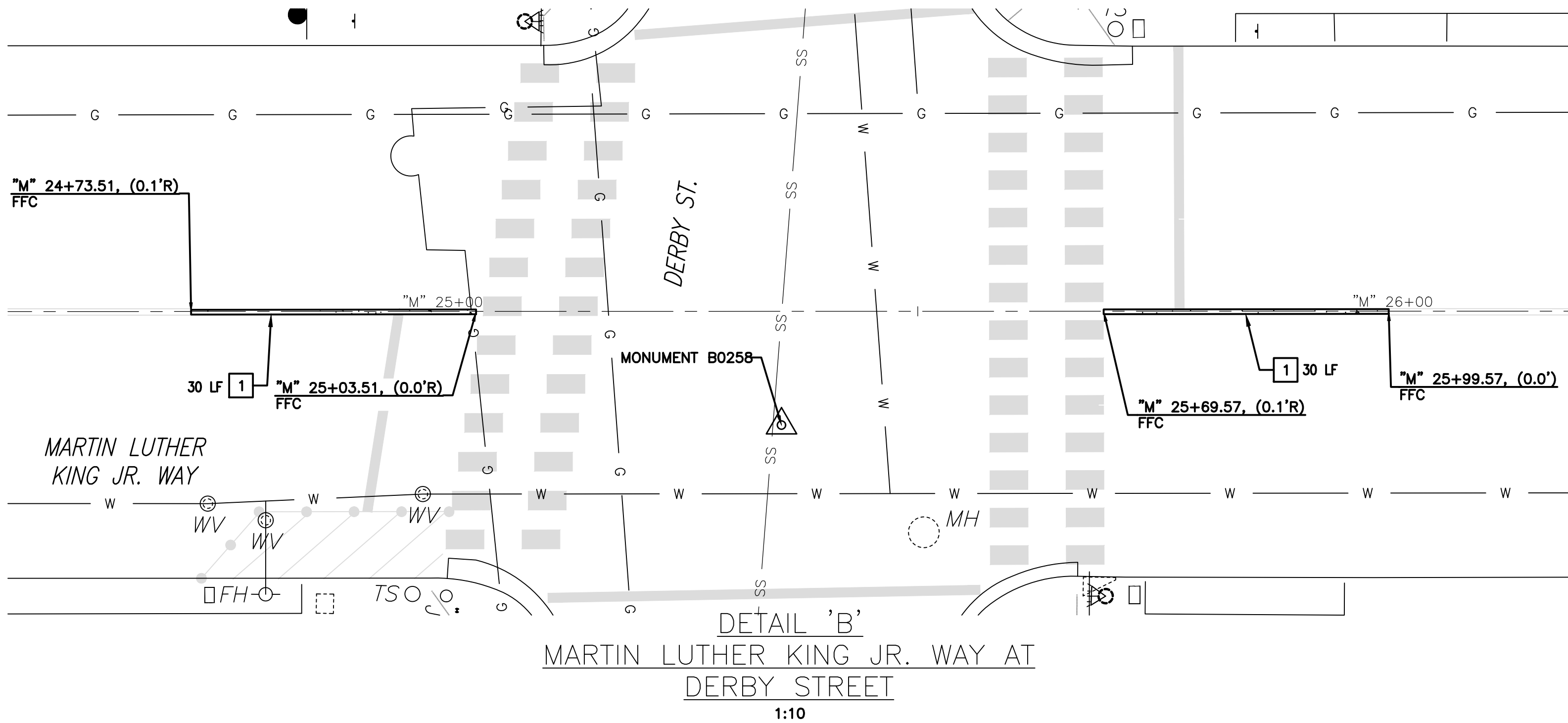
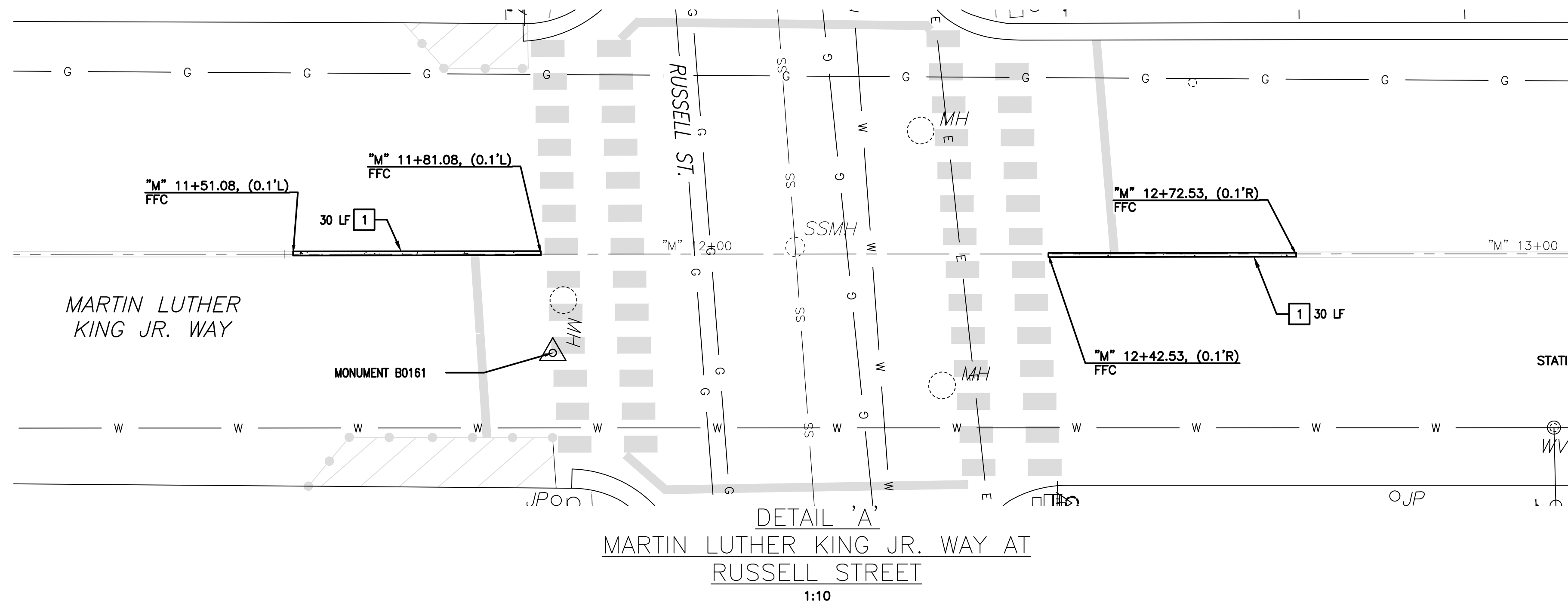
DESIGN: _____ DATE: _____
DRAWN: _____ R.C.E. _____
CHECK: _____ EXP. _____
AS BUILT: _____

HORIZ. _____
VERT. _____
BOOK _____
DATE: 10/14/2022

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

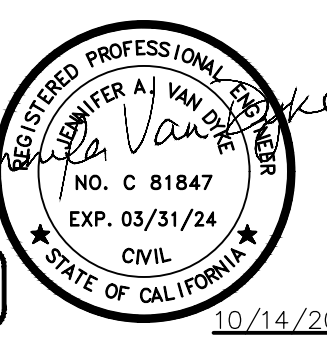
MARTIN LUTHER KING JR. WAY VISION ZERO
QUICK BUILD PROJECT (DWIGHT WAY TO
RUSSELL STREET)
CONSTRUCTION DETAILS

PLAN 8262
FILE 503-632
C-6
SHEET 8 OF 24



- NOTE:
- EX AC PAVEMENT SHALL BE SWEEPED AND CLEAR OF ANY VEGETATION OR DEBRIS AS APPROVED BY THE ENGINEER.
 - EX AB TO REMAIN.
 - INSTALL #4 X 12" LONG REBAR 2" MIN. CLEAR FROM EDGE OF CONCRETE.
 - INSTALL EXPANSION JOINT AT 10' OC AND CONTROL JOINTS AT 5' OC.
 - 2' HMA PLUG SHALL BE PLACED AROUND THE PERIMETER OF MEDIAN ISLAND. SS-1H TACK COAT SHALL BE APPLIED TO ALL SURFACES PRIOR TO PLACEMENT OF HMA PLUG. EXPOSED AB SHALL BE COMPACTED TO 95% RC PRIOR TO PLACEMENT OF HMA PLUG.
 - SEE SIGNING AND STRIPING PLANS FOR YELLOW PAINT TO BE APPLIED TO MEDIAN.

DETAIL 'D'
HARDENED CENTERLINE AND
DELINEATORS
NOT TO SCALE



PROJECT NOTES (THIS SHEET ONLY):

1 INSTALL HARDENED CENTERLINE AND DELINEATORS AS SHOWN ON DETAIL 'D' ABOVE, QUANTITY PER PLAN.



501 CANAL BLVD., SUITE 1
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WATERSHED REVIEW: DATE

SUBMITTED: DATE
SUPERVISING CIVIL ENGINEER: DATE
APPROVED: DATE
CITY ENGINEER: DATE

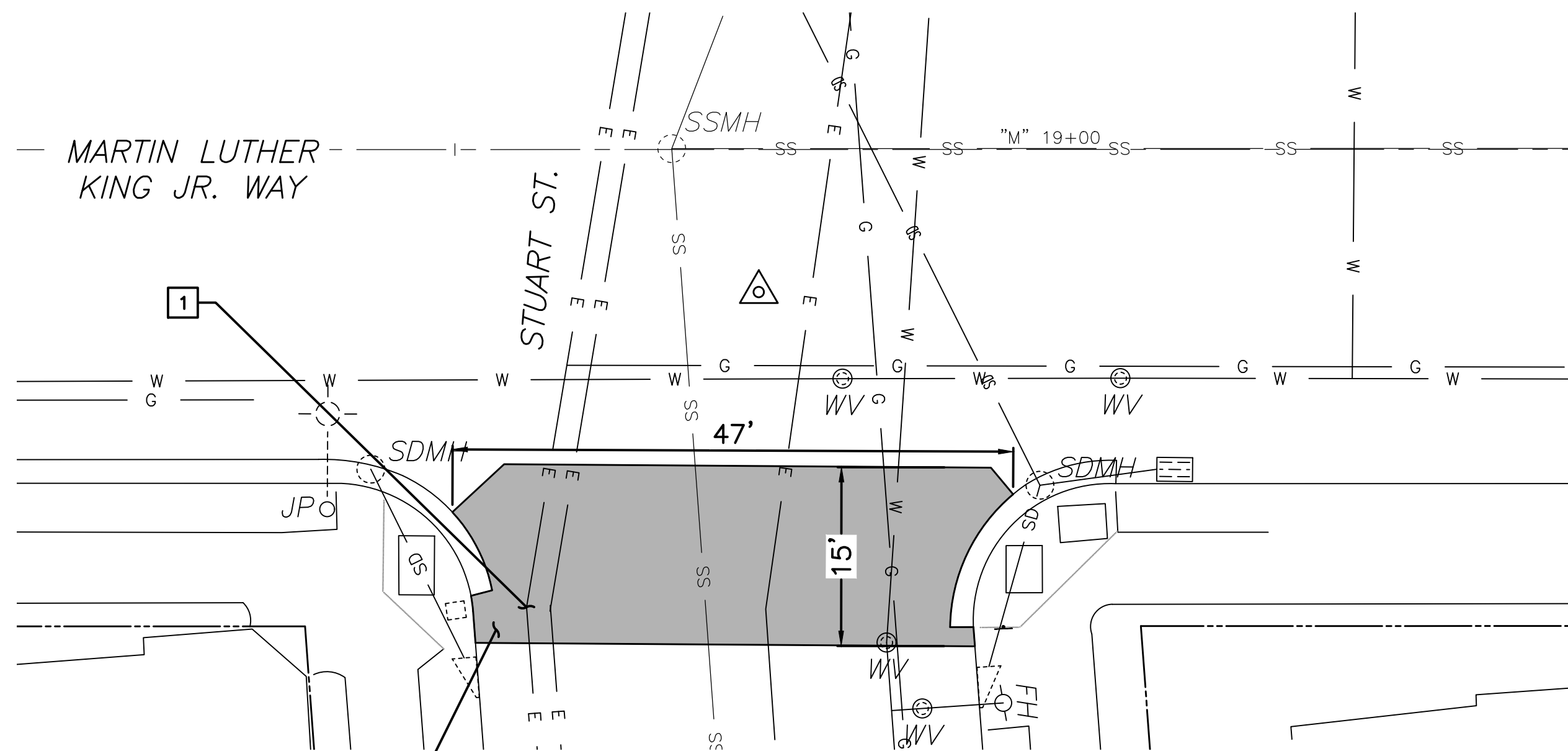
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DRAWN: MA
CHECK: AJ
AS BUILT: DATE

HORIZ. DATE
VERT. DATE
BOOK DATE

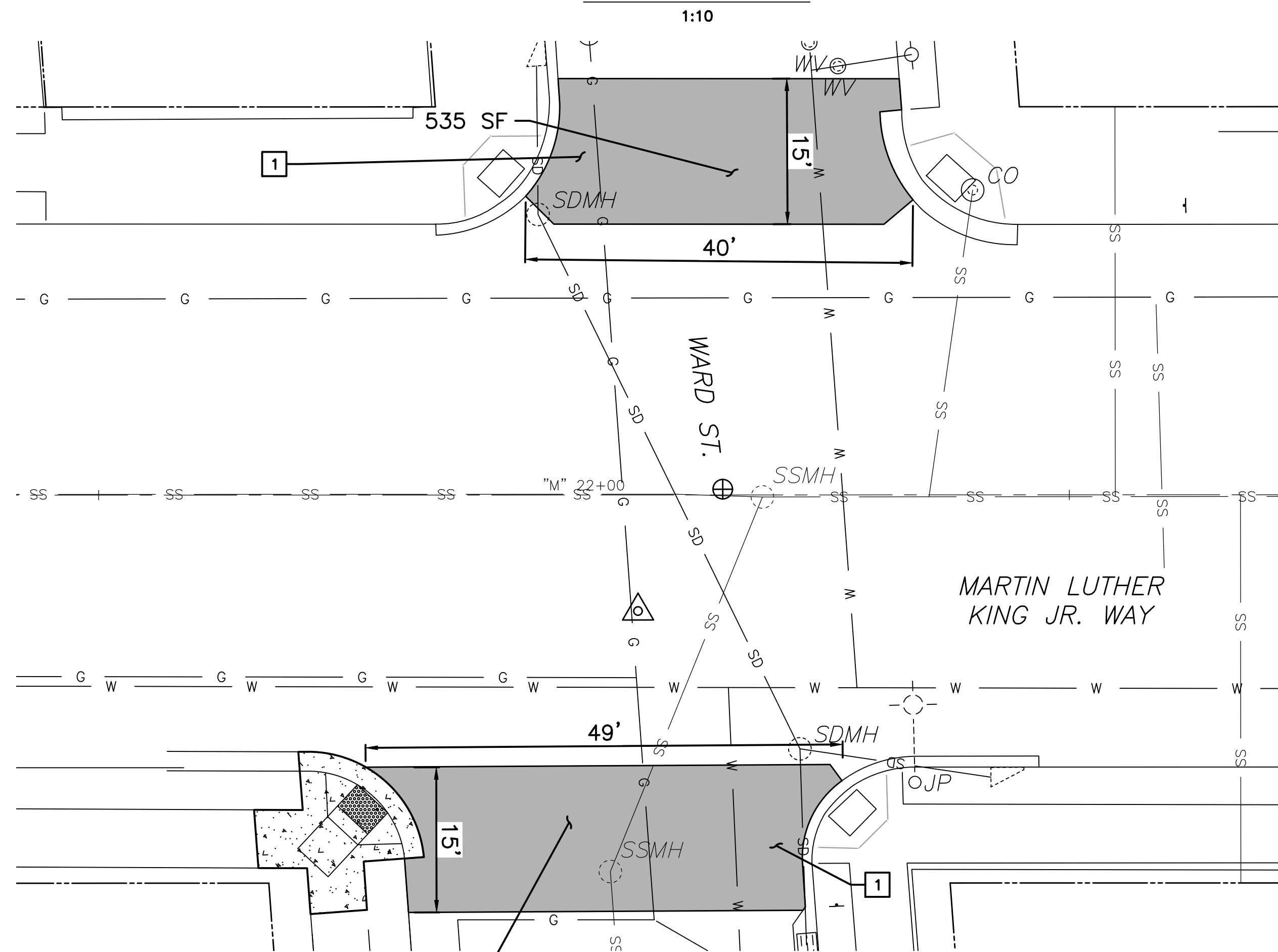
CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

MARTIN LUTHER KING JR. WAY VISION ZERO
QUICK BUILD PROJECT (DWIGHT WAY TO
RUSSELL STREET)
CURB DELINEATOR SYSTEM PLAN
& DETAILS

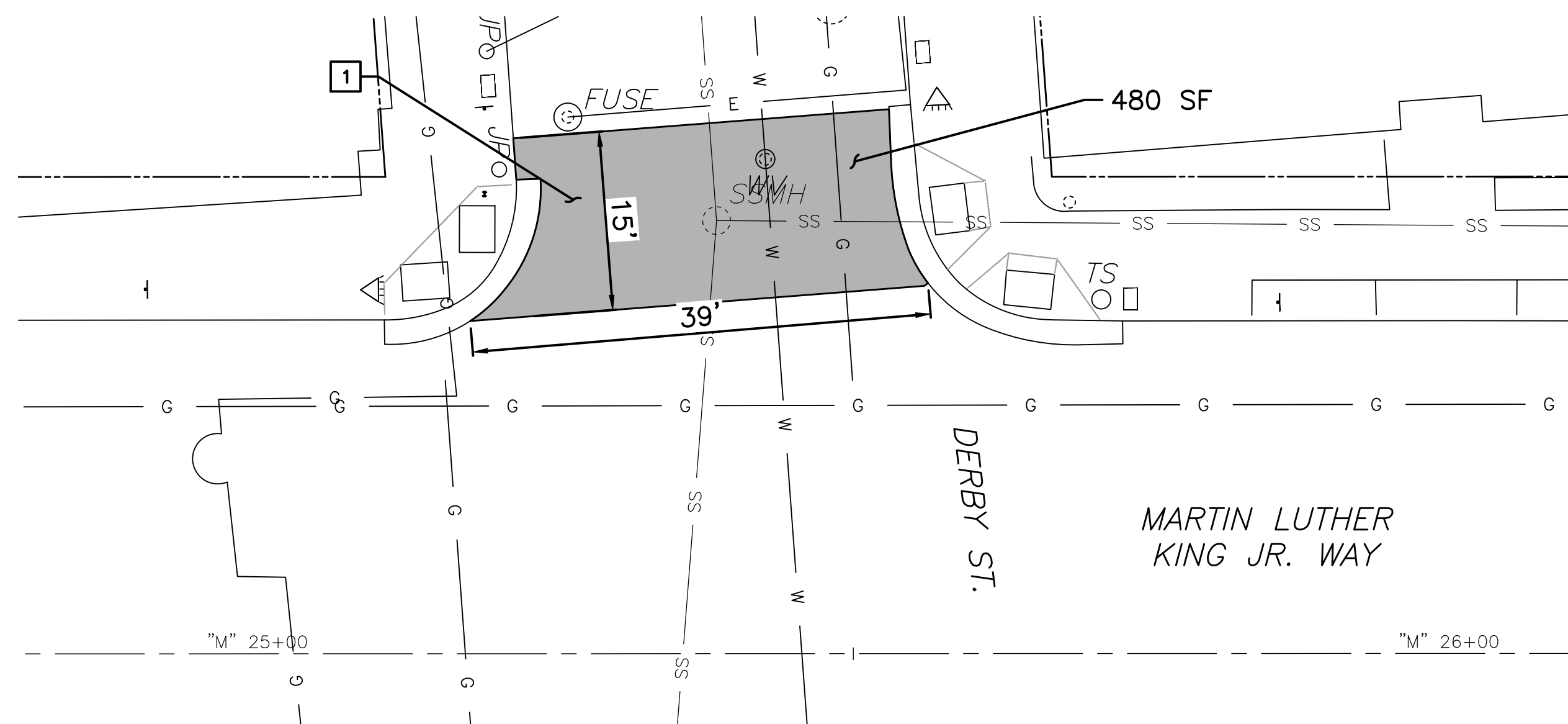
PLAN 8262
FILE 503-632
C-7
SHEET 9 OF 24



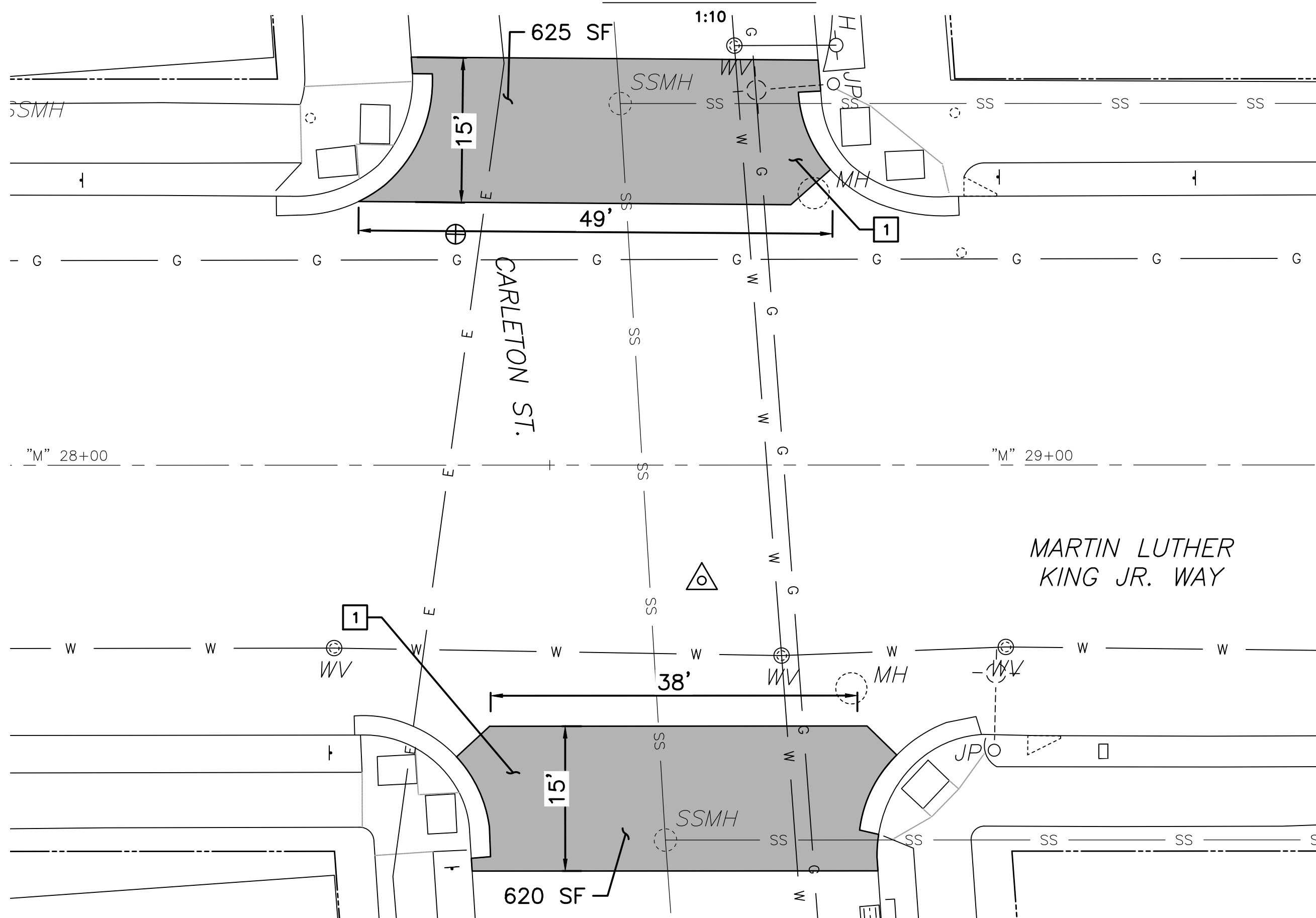
DETAIL 'A'
MARTIN LUTHER KING JR. WAY AT
STUART STREET



DETAIL 'B'
MARTIN LUTHER KING JR. WAY AT
WARD STREET



DETAIL 'C'
MARTIN LUTHER KING JR. WAY AT
DERBY STREET



DETAIL 'D'
MARTIN LUTHER KING JR. WAY AT
CARLETON STREET

LEGEND



4" MILL AND HMA OVERLAY LOW

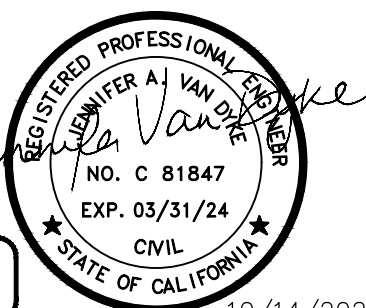
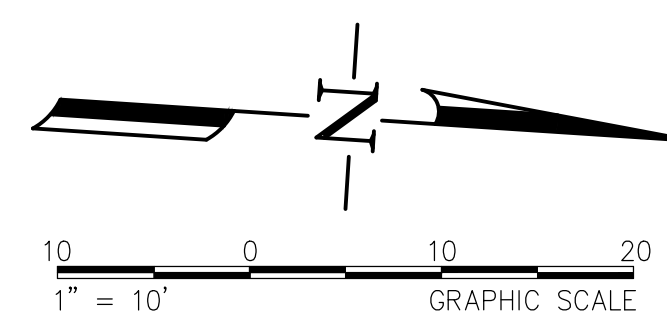
1

4" MILL AND 4" HMA OVERLAY. SEE DETAIL 3/8.

2

SEE SHEET 12 FOR UTILITY COVER ADJUSTMENT AND QUANTITIES
PRIOR TO AND AFTER PAVING OPERATIONS.

PROJECT NOTES (THIS SHEET ONLY):



10/14/2022



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PROJECT MANAGER: _____ DATE _____
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SURVEY PARTY CHIEF: _____ DATE _____
WATERSHED REVIEW: _____ DATE _____
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

SUBMITTED: _____ DATE _____
R.C.E. _____
EXP. _____
SUPERVISING CIVIL ENGINEER: _____
APPROVED: _____ DATE _____
R.C.E. _____
EXP. _____
CITY ENGINEER: _____

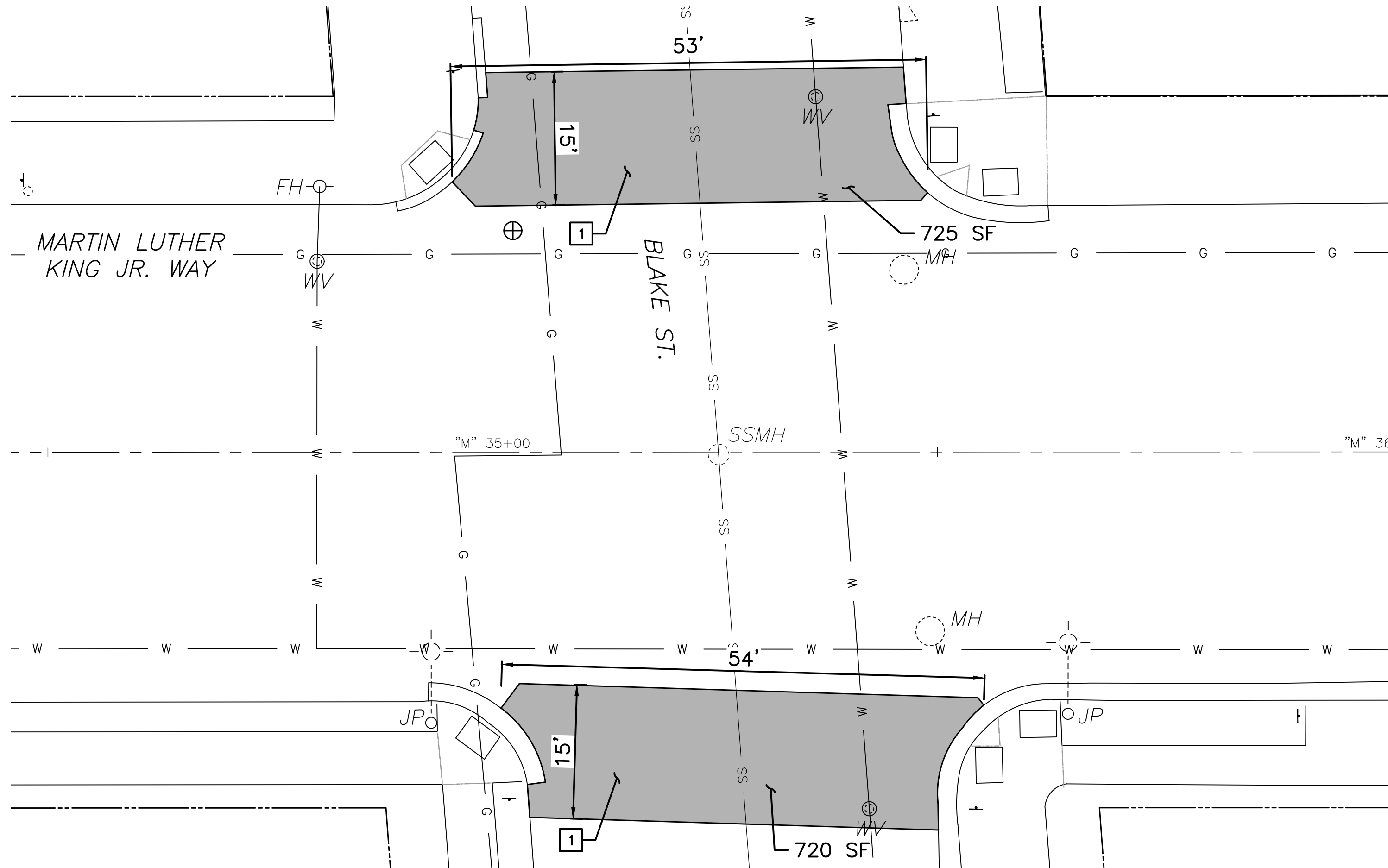
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DRAWN: _____
CHECK: _____
AS BUILT: _____
HORIZ.: _____
VERT.: _____
BOOK: _____
DATE: 10/14/2022

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

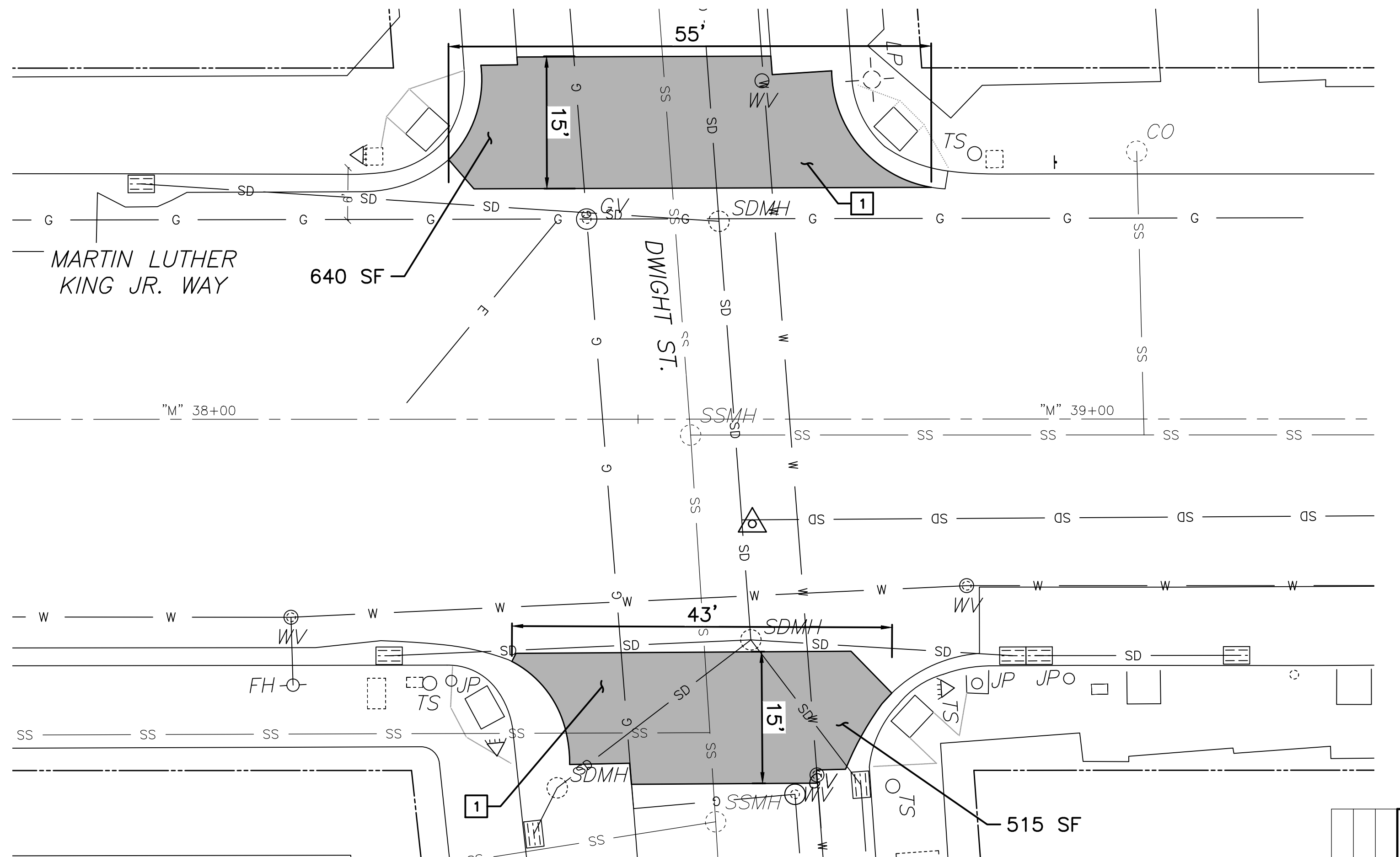
MARTIN LUTHER KING JR. WAY VISION ZERO
QUICK BUILD PROJECT (DWIGHT WAY TO
RUSSELL STREET)
PAVEMENT LAYOUT

PLAN 8262
FILE 503-632
C-8
SHEET 10 OF 24

BID SET



DETAIL 'E'
MARTIN LUTHER KING JR. WAY AT
BLAKE STREET
1:10



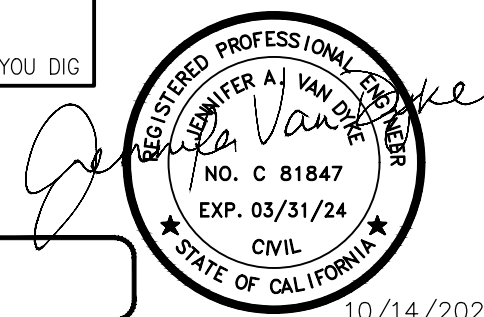
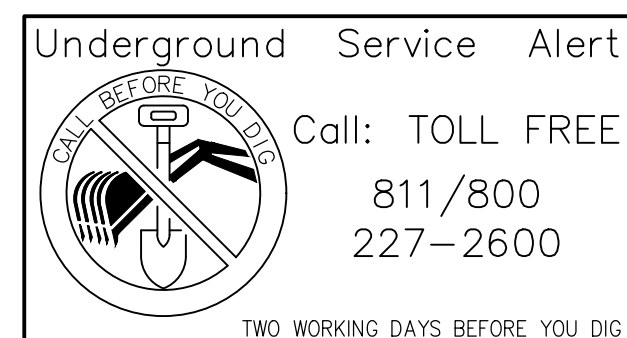
DETAIL 'F'
MARTIN LUTHER KING JR. WAY AT
DWIGHT STREET
1:10

LEGEND

4" MILL AND HMA OVERLAY LOW

PROJECT NOTES (THIS SHEET ONLY):

- 1 4" MILL AND 4" HMA OVERLAY. SEE DETAIL 3/8.
2 SEE SHEET 12 FOR UTILITY COVER ADJUSTMENT AND QUANTITIES PRIOR TO AND AFTER PAVING OPERATIONS.



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PROJECT MANAGER: _____ DATE _____
DEPICTION OF MONUMENTS: _____ DATE _____
SURVEY PARTY CHIEF _____
WATERSHED REVIEW: _____ DATE _____
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

SUBMITTED: _____ DATE _____
R.C.E. _____
EXP. _____
SUPERVISING CIVIL ENGINEER _____
APPROVED: _____ DATE _____
R.C.E. _____
EXP. _____
CITY ENGINEER _____

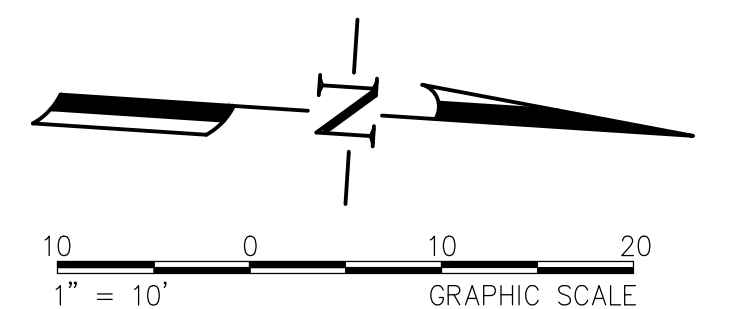
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CHECK _____ AJ _____
AS BUILT _____
DATE 10/14/2022

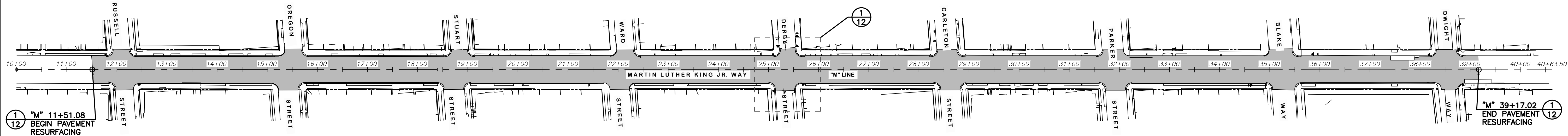
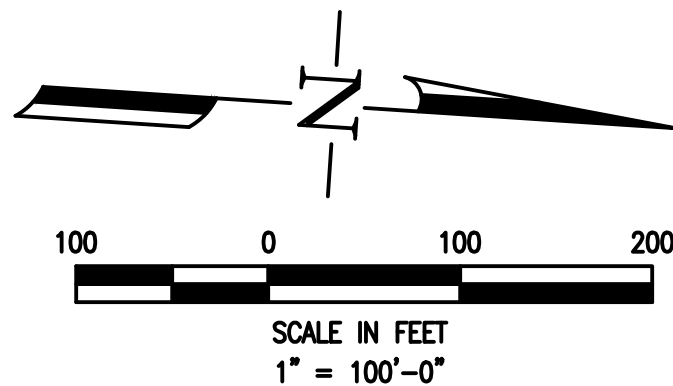
HORIZ. _____
VERT. _____
BOOK _____
DATE 10/14/2022

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

MARTIN LUTHER KING JR. WAY VISION ZERO
QUICK BUILD PROJECT (DWIGHT WAY TO
RUSSELL STREET)
PAVEMENT LAYOUT

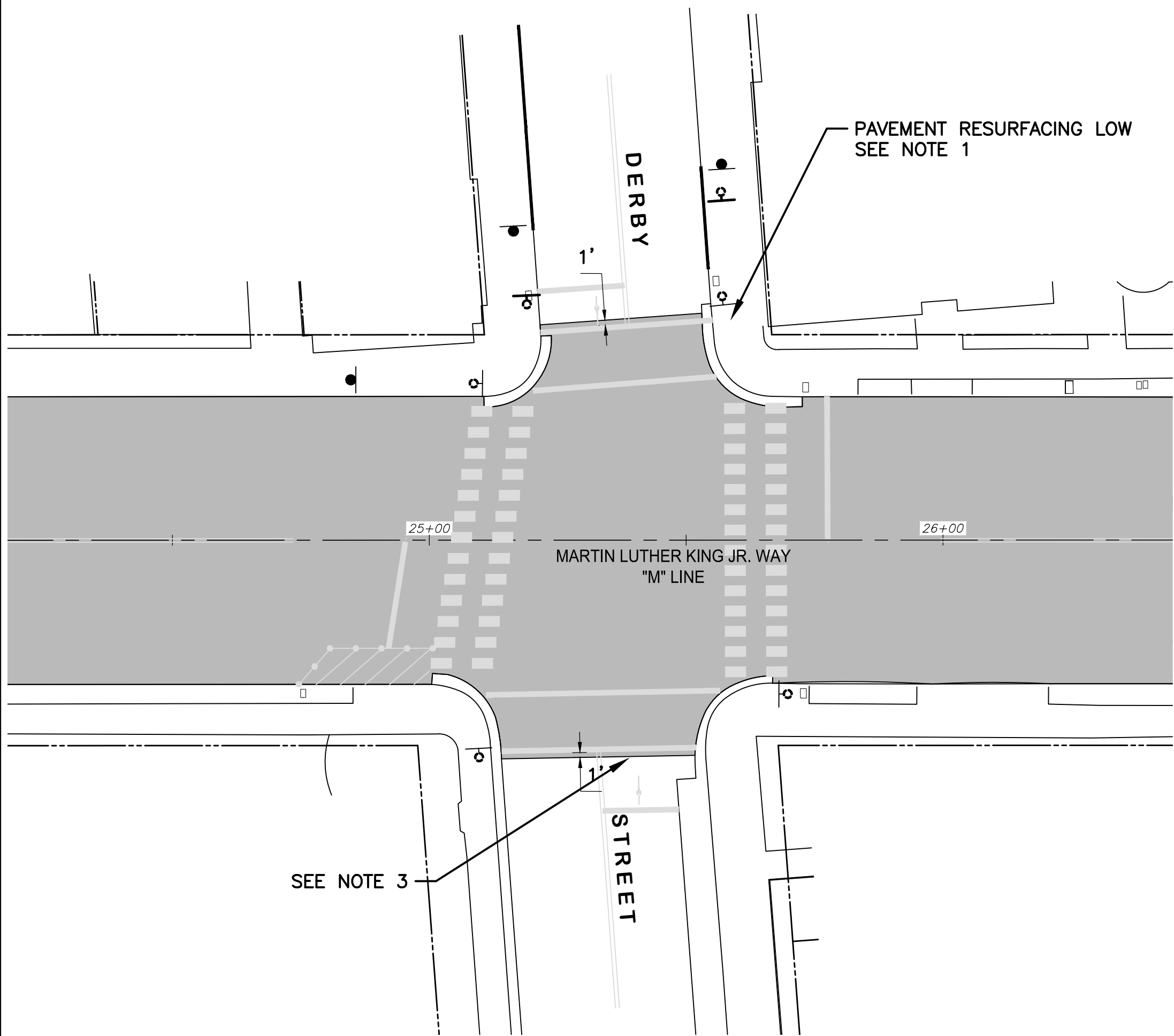
PLAN 8262
FILE 503-632
C-9
SHEET 11 OF 24





LEGEND

PAVEMENT RESURFACING LOW



- NOTES:
- PAVEMENT RESURFACING SHALL INCLUDE ASPHALT RUBBER CHIP SEAL AND TYPE II MICRO-SURFACING SEAL. ASPHALT RUBBER CHIP SEAL SHALL BE PLACED ON EXISTING SURFACE AND FOLLOWED BY TYPE II MICROSURFACING SEAL.
 - ASPHALT RUBBER CHIP SEAL LOW SHALL BE LOCATED A MINIMUM OF 1 FOOT FROM EXISTING EDGE OF PAVEMENT PROPOSED PAVEMENT RESURFACING LIMIT OF WORK.
 - PAVEMENT RESURFACING LOW SHALL EXTEND 1 FOOT BEYOND THE FAR EDGE OF THE PROPOSED CROSSWALK AT CROSS STREETS.

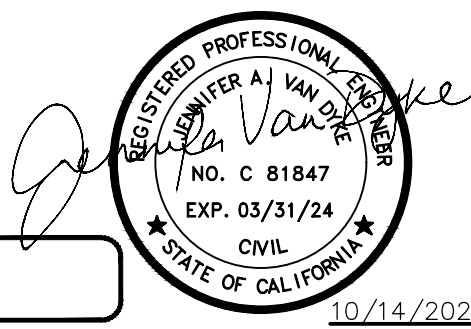
LOCATION	ADJUST EXISTING UTILITY COVERS – SEE DETAILS 2/7, 5/8, 6/8						
	UNKNOWN	SANITARY SEWER MAINTENANCE HOLE	WATER VALVE BOX AND COVER	PROTECT STORM DRAIN INLET	MONUMENTS	STORM DRAIN MAINTENANCE HOLE	GAS VALVE
	EA	EA	EA	EA	EA	EA	EA
RUSSELL ST INTERSECTION		1	1			2	
MLK JR WAY	1		2	2	1		1
OREGON ST INTERSECTION	1	2	1			3	
MLK JR WAY				3			
STUART ST INTERSECTION	1	2	2		1	2	
MLK JR WAY				1			
WARD ST INTERSECTION		2			1	2	
MLK JR WAY		1	4	1			
DERBY ST INTERSECTION		2	1		1		
MLK JR WAY			1	1			
CARLETON ST INTERSECTION		2	1		1	2	
MLK JR WAY	1		2	2			
PARKER ST INTERSECTION		2	2		1	2	
MLK JR WAY	1			2			
BLAKE ST INTERSECTION		1	2			2	
MLK JR WAY			1	2			
DWIGHT WAY INTERSECTION	1	1	3	5	1	2	
TOTAL	6	16	23	19	7	17	1

PAVEMENT TREATMENTS – SEE DETAILS 3/8, 4/8, 1/12				
LOCATION	4" MILL AND 4" HMA OVERLAY AT CROSSWALK	ASPHALT RUBBER CHIP SEAL	TYPE II MICRO-SURFACING SEAL	10" BASE REPAIR*
	SF	SY	SY	SF
(2) DWIGHT (EAST AND WEST OF MLK)	1,155			
(2) BLAKE (EAST AND WEST OF MLK)	1,145			
(2) CARLETON (EAST AND WEST OF MLK)	1,245			
(1) DERBY (WEST OF MLK)	480			
(2) WARD (EAST AND WEST OF MLK)	1,165			
(1) STUART (EAST OF MLK)	630			
STA 11+51.08 TO STA 39+17.02		17,300	18,000	
TOTAL	5,900	17,300	18,000	300
*10" BASE REPAIR SHALL BE LOCATED BY THE CITY ENGINEER				

CONCRETE CURB RAMP QUANTITIES		
LOCATION	QUANTITY	UNIT
SW CORNER – MLK/PARKER	2	EA
SE CORNER – MLK/WARD	1	EA
SE CORNER – MLK/OREGON	1	EA

- NOTES:
- SEE CURB RAMP LAYOUT DESIGNS AND DETAIL REFERENCES ON SHEETS 4 AND 5.
 - MLK IS MARTIN LUTHER KING JR WAY.
 - 4" MILL AND 4" OVERLAY AT CROSSWALK LOCATIONS ARE SHOWN ON SHEETS 10 AND 11.

1
12 TYPICAL LIMIT OF PAVEMENT RESURFACING
NTS



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PROJECT MANAGER: _____ DATE _____
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SURVEY PARTY CHIEF: _____
WATERSHED REVIEW: _____ DATE _____

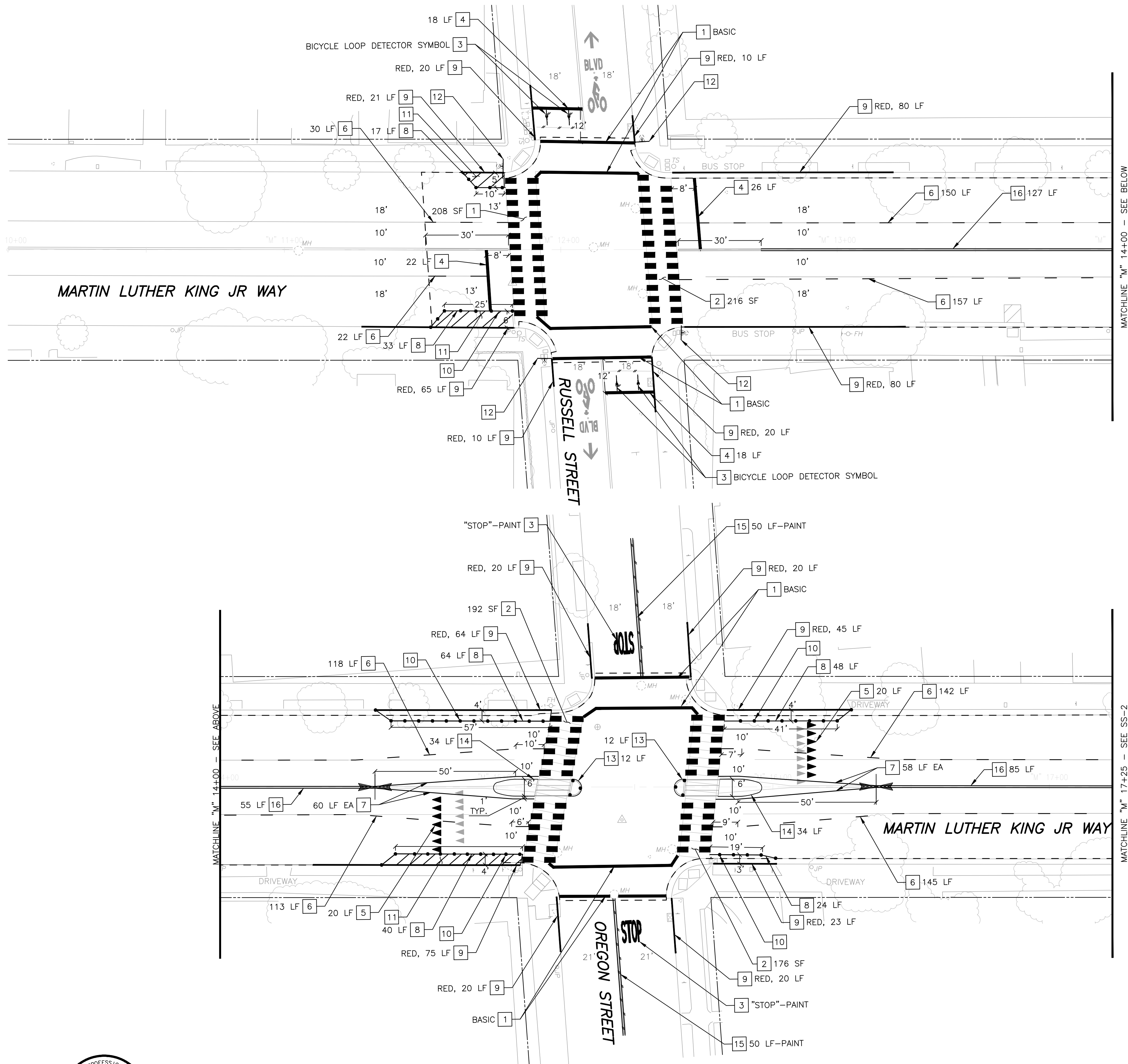
SUBMITTED: _____ DATE _____
SUPERVISING CIVIL ENGINEER: _____
APPROVED: _____ DATE _____
CITY ENGINEER: _____

DESIGN: _____ JV _____
DRAWN: _____ MA _____
CHECK: _____ AJ _____
AS BUILT: _____ DATE 10/14/2022

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

MARTIN LUTHER KING JR. WAY VISION ZERO
QUICK BUILD PROJECT (DWIGHT WAY TO
RUSSELL STREET)
PAVEMENT LAYOUT

PLAN 8262
FILE 503-632
C-10
SHEET 12 OF 24



PROJECT NOTES (THIS SHEET ONLY):

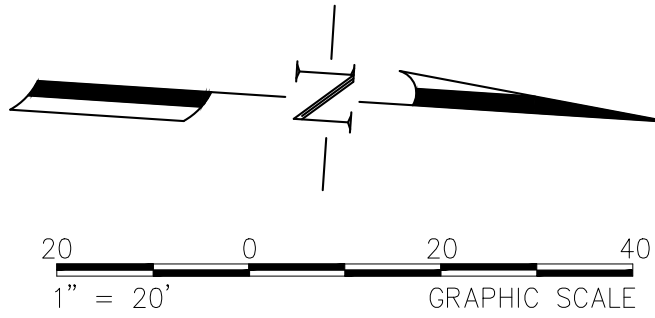
1. INSTALL NEW CROSSWALK MARKINGS PER 2018 CALTRANS STANDARD PLAN A24F AND AS INDICATED ON THIS PLAN.
2. INSTALL TRIPLE FOUR CROSSWALK PER 2018 CALTRANS STANDARD PLAN A24F.
3. REFRESH EXISTING PAVEMENT MARKINGS, PER 2018 CALTRANS STANDARD PLAN A24C AND A24D AND AS INDICATED ON THIS PLAN.
4. INSTALL 12" WHITE LIMIT LINE
5. INSTALL YIELD MARKINGS PER 2018 CALTRANS STANDARD PLAN A24E (SPACED 30 FT FROM CROSSWALK, TYP.)
6. INSTALL DETAIL 9 TRAFFIC STRIPE PER 2018 CALTRANS STANDARD PLAN A20A (LENGTH PER PLAN)
7. INSTALL DETAIL 25A TRAFFIC STRIPE PER 2018 CALTRANS STANDARD PLAN A20B (LENGTH PER PLAN)
8. INSTALL DETAIL 39 TRAFFIC STRIPE PER 2018 CALTRANS STANDARD PLAN A20D (LENGTH PER PLAN)
9. PAINT CURB (COLOR AND LENGTH PER PLAN)
10. INSTALL CHANNELIZER POST, 10' O.C.
11. FURNISH AND INSTALL 8" WHITE STRIPE AT 45°, 10' O.C.
12. INSTALL R13A SIGN ON EXISTING TRAFFIC SIGNAL POLE WITH SADDLE BRACKET OR STRAP. DRILLING HOLES INTO THE POLE IS NOT PERMITTED.
13. PAINT MEDIAN ISLAND CURB YELLOW (LENGTH PER PLAN) AND INSTALL TYPE D RAISED PAVEMENT MARKERS ON TOP OF CURB SURFACE (3' MIN SPACING) AND INSTALL SURFACE MOUNTED DELINEATOR POSTS (5' MIN SPACING).
14. PAINT MEDIAN ISLAND CURB YELLOW (LENGTH PER PLAN) AND INSTALL TYPE D RAISED PAVEMENT MARKERS ON TOP OF CURB SURFACE EVERY 5' O.C.
15. REFRESH EXISTING DETAIL 22 TRAFFIC STRIPE PER 2018 CALTRANS PLAN A20A (LENGTH PER PLAN)
16. INSTALL DETAIL 22 TRAFFIC STRIPE PER 2018 CALTRANS PLAN A20A (LENGTH PER PLAN)

LEGEND:

- REMOVE EXISTING PAVEMENT STRIPE, ARROW OR LEGEND (AS SHOWN ON PLAN PER PROJECT SPECIFICATIONS)
- CHANGE IN STRIPING DETAIL
- EXTENTS OF MICRO-RESURFACING

GENERAL STRIPING NOTES:

1. SEE SHEETS C-2 THROUGH C-7 FOR CONCRETE MEDIAN AND HARDENED CENTER LINE LAYOUT.
2. NEW OR REFRESHED STRIPING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
3. EXISTING STRIPING ALONG MARTIN LUTHER KING JR WAY SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH THE MICRO-RESURFACING EXTENTS, PROJECT SPECIFICS, AND AS INDICATED ON THE STRIPING PLANS. SEE SHEET C-10 FOR MICRO-RESURFACING EXTENTS.

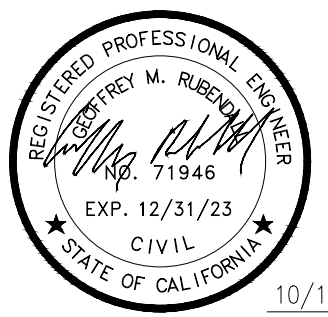


Underground Service Alert

Call: TOLL FREE 811/800 227-2600

TWO WORKING DAYS BEFORE YOU DIG

BID SET



FEHR & PEERS

2201 Broadway Street, Suite 602
Oakland, CA 94612
(510) 834-3200

PROJECT MANAGER: _____ DATE _____

DEPICTION OF MONUMENTS: _____ DATE _____

SURVEY PARTY CHIEF: _____ DATE _____

WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____

SUPERVISING CIVIL ENGINEER: _____ DATE _____

APPROVED: _____ DATE _____

CITY ENGINEER: _____ DATE _____

DESIGN: NL

DRAWN: ZZ/ND

CHECK: GR

AS BUILT: _____

HORIZ. _____

VERT. _____

BOOK _____

DATE: 10/14/22

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)
SIGNING AND STRIPING PLAN (RUSSELL STREET & OREGON STREET)

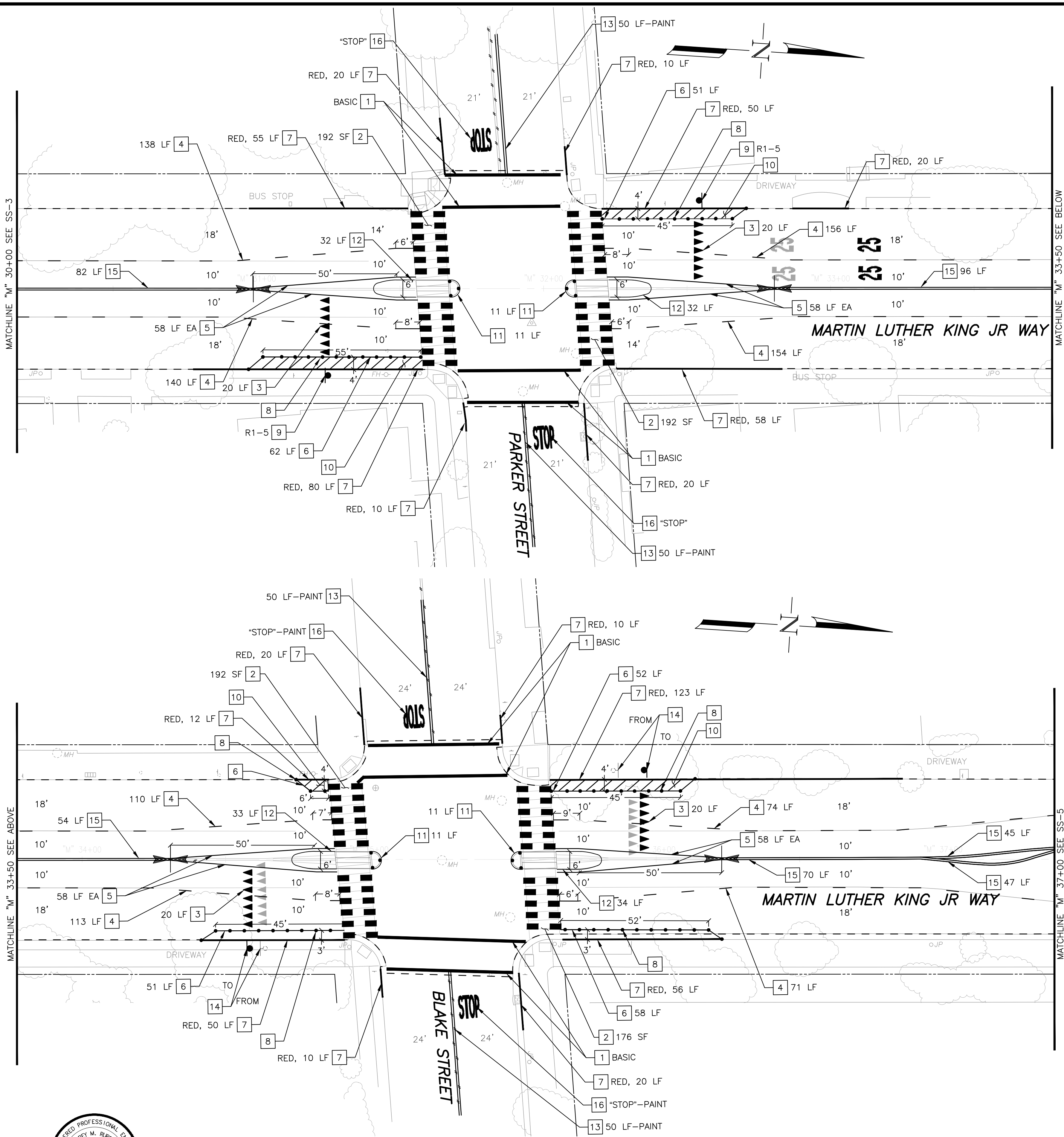
PLAN: 8262

FILE: 503-632

SS-1

SHEET: 13 OF 24

APPROVAL	DESCRIPTION	DATE	MARK	REVISION



PROJECT NOTES (THIS SHEET ONLY):

- 1 INSTALL NEW CROSSWALK MARKINGS PER 2018 CALTRANS STANDARD PLAN A24F AND AS INDICATED ON THIS PLAN
- 2 INSTALL TRIPLE FOUR CROSSWALK PER 2018 CALTRANS STANDARD PLAN A24F
- 3 INSTALL YIELD MARKINGS PER 2018 CALTRANS STANDARD PLAN A24E (SPACED 30 FT FROM CROSSWALK, TYP.)
- 4 INSTALL DETAIL 9 TRAFFIC STRIPE PER 2018 CALTRANS STANDARD PLAN A20A (LENGTH PER PLAN)
- 5 INSTALL DETAIL 25A TRAFFIC STRIPE PER 2018 CALTRANS STANDARD PLAN A20B (LENGTH PER PLAN)
- 6 INSTALL DETAIL 39 TRAFFIC STRIPE PER 2018 CALTRANS STANDARD PLAN A20D (LENGTH PER PLAN)
- 7 PAINT CURB (COLOR AND LENGTH PER PLAN)
- 8 INSTALL CHANNELIZER POST, 10' O.C.
- 9 INSTALL SIGN AND POST PER DETAIL A, SS-5
- 10 FURNISH AND INSTALL 8" WHITE STRIPE AT 45', 10' O.C.
- 11 PAINT MEDIAN ISLAND CURB YELLOW (LENGTH PER PLAN) AND INSTALL TYPE D RAISED PAVEMENT MARKERS ON TOP OF CURB SURFACE (3' MIN SPACING) AND INSTALL SURFACE MOUNTED DELINEATOR POSTS (5' MIN SPACING).
- 12 PAINT MEDIAN ISLAND CURB YELLOW (LENGTH PER PLAN) AND INSTALL TYPE D RAISED PAVEMENT MARKERS ON TOP OF CURB SURFACE EVERY 5' O.C.
- 13 REFRESH EXISTING DETAIL 22 TRAFFIC STRIPE PER 2018 CALTRANS PLAN A20A (LENGTH PER PLAN)
- 14 RELOCATE EXISTING R1-5 SIGN AS SHOWN ON PLAN
- 15 INSTALL DETAIL 22 TRAFFIC STRIPE PER 2018 CALTRANS STANDARD PLAN A20A (LENGTH PER PLAN)
- 16 REFRESH EXISTING PAVEMENT MARKINGS PER 2018 CALTRANS STANDARD PLAN A24C AND A24D AND AS INDICATED ON THIS PLAN

LEGEND:

- REMOVE EXISTING PAVEMENT STRIPE, ARROW OR LEGEND (AS SHOWN ON PLAN PER PROJECT SPECIFICATIONS)
- CHANGE IN STRIPING DETAIL
- EXTENTS OF MICRO-RESURFACING

GENERAL STRIPING NOTES:

1. SEE SHEETS C-2 THROUGH C-7 FOR CONCRETE MEDIAN AND HARDENED CENTER LINE LAYOUT.
2. NEW OR REFRESHED STRIPING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
3. EXISTING STRIPING ALONG MARTIN LUTHER KING JR WAY SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH THE MICRO-RESURFACING EXTENTS, PROJECT SPECIFICS, AND AS INDICATED ON THE STRIPING PLANS. SEE SHEET C-10 FOR MICRO-RESURFACING EXTENTS.

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PROJECT MANAGER: _____ DATE _____
DEPICTION OF MONUMENTS: _____ DATE _____
SURVEY PARTY CHIEF: _____ DATE _____
WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____
SUPERVISING CIVIL ENGINEER: _____ DATE _____
APPROVED: _____ DATE _____
CITY ENGINEER: _____ DATE _____

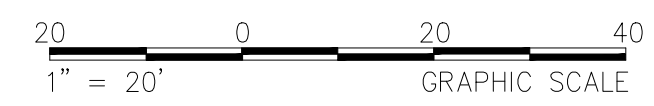
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CHECK: GR
AS BUILT: _____

HORIZ. _____
VERT. _____
BOOK _____
DATE: 10/14/22

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS




MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)
SIGNING AND STRIPING PLAN (PARKER STREET & BLAKE STREET)

PLAN 8262
FILE 503-632
SS-4
SHEET 16 OF 24



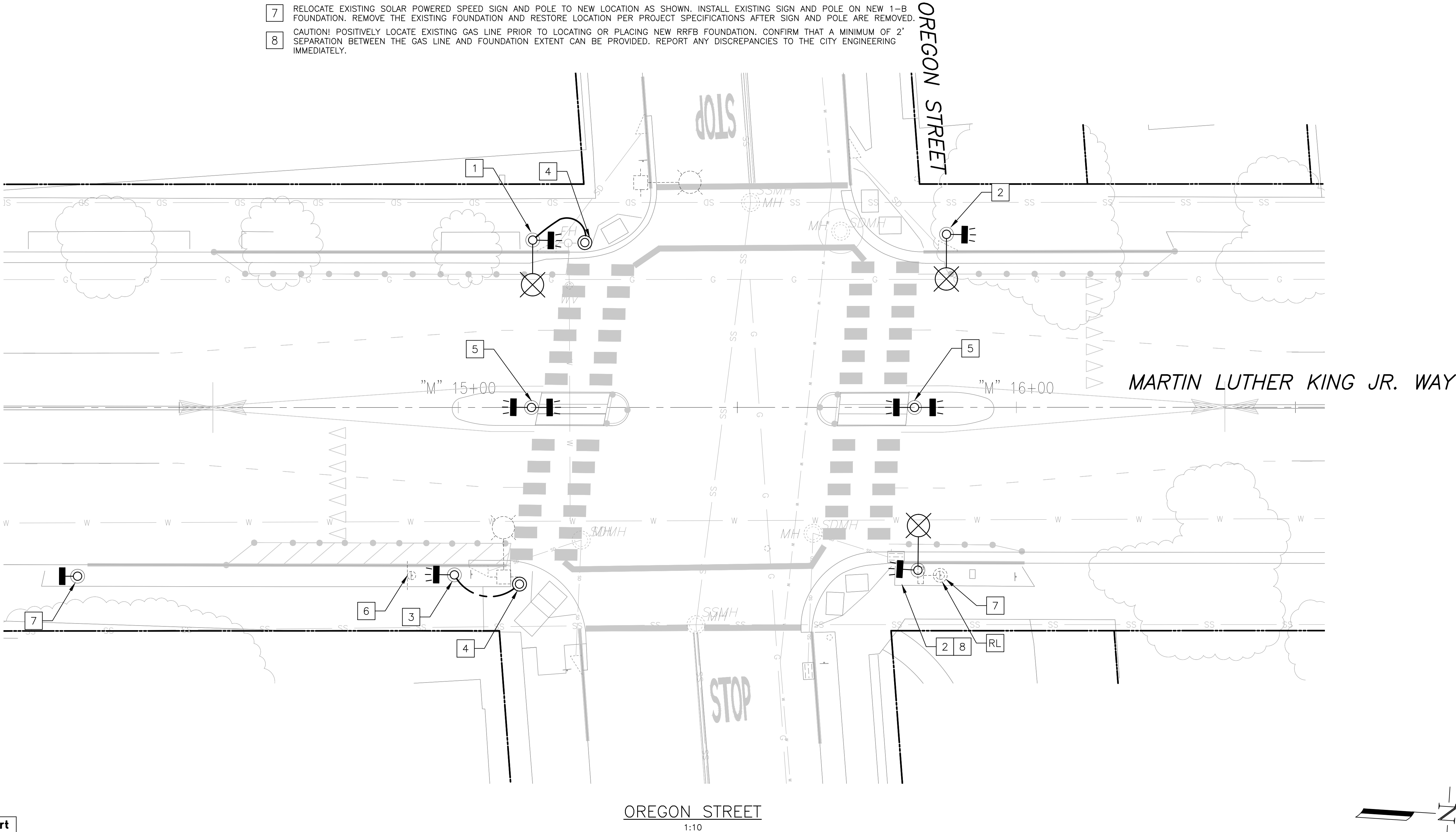
PLAN	8262
FILE	503-632
	SS-5
SHEET	17 OF 24

LEGEND (THIS SHEET ONLY):

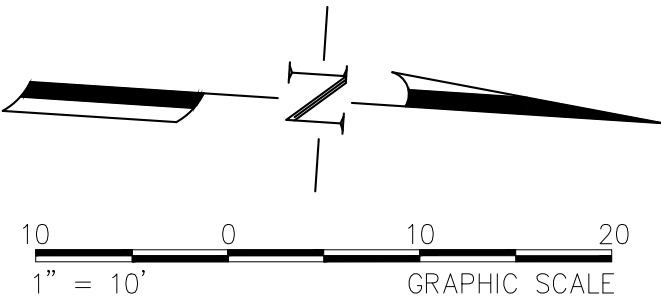
-  RECTANGULAR RAPID FLASHING BEACON, SEE SHEET E-7 FOR DETAILS
-  SOLAR-POWERED STREET LIGHT, SEE SHEET E-7 FOR DETAILS
-  SIGN TO BE REMOVED


PROJECT NOTES (THIS SHEET ONLY):

- 1 INSTALL SOLAR POWERED STREET LIGHT WITH RECTANGULAR RAPID FLASHING BEACON ASSEMBLY PER DETAIL 'B' ON SHEET E-7.
- 2 INSTALL SOLAR POWERED STREET LIGHT WITH RECTANGULAR RAPID FLASHING BEACON ASSEMBLY AND PEDESTRIAN PUSH BUTTON ASSEMBLY PER DETAIL 'C' ON SHEET E-7.
- 3 INSTALL SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY PER DETAIL 'D' ON SHEET E-7.
- 4 INSTALL PEDESTRIAN PUSH BUTTON ASSEMBLY ON PUSH BUTTON POST.
- 5 INSTALL SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY WITH PEDESTRIAN PUSH BUTTON ASSEMBLY PER DETAIL 'E' ON SHEET E-7.
- 6 REMOVE AND DISPOSE OF EXISTING R2-1 SIGN AND POLE.
- 7 RELOCATE EXISTING SOLAR POWERED SPEED SIGN AND POLE TO NEW LOCATION AS SHOWN. INSTALL EXISTING SIGN AND POLE ON NEW 1-B FOUNDATION. REMOVE THE EXISTING FOUNDATION AND RESTORE LOCATION PER PROJECT SPECIFICATIONS AFTER SIGN AND POLE ARE REMOVED.
- 8 CAUTION! POSITIVELY LOCATE EXISTING GAS LINE PRIOR TO LOCATING OR PLACING NEW RRFB FOUNDATION. CONFIRM THAT A MINIMUM OF 2' SEPARATION BETWEEN THE GAS LINE AND FOUNDATION EXTENT CAN BE PROVIDED. REPORT ANY DISCREPANCIES TO THE CITY ENGINEERING IMMEDIATELY.



OREGON STREET
1:10





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Oakland, CA 94612
(510) 834-3200

PROJECT MANAGER: _____ DATE _____

DEPICTION OF MONUMENTS: _____ DATE _____

SURVEY PARTY CHIEF: _____ DATE _____

WATERSHED REVIEW: _____ DATE _____

0 1 2 3
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

SUBMITTED: _____ DATE _____

SUPERVISING CIVIL ENGINEER: _____ R.C.E. _____ EXP. _____

APPROVED: _____ DATE _____

CITY ENGINEER: _____ EXP. _____

DESIGN **NL**

DRAWN **ZZ/ND**

CHECK **GR**

AS BUILT _____

HORIZ. _____

VERT. _____

BOOK _____

DATE **10/14/22**

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)
ELECTRICAL PLAN (OREGON STREET)

PLAN **8262**

FILE **503-632**

E-1

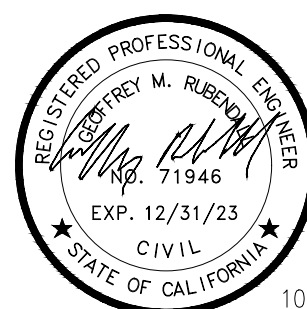
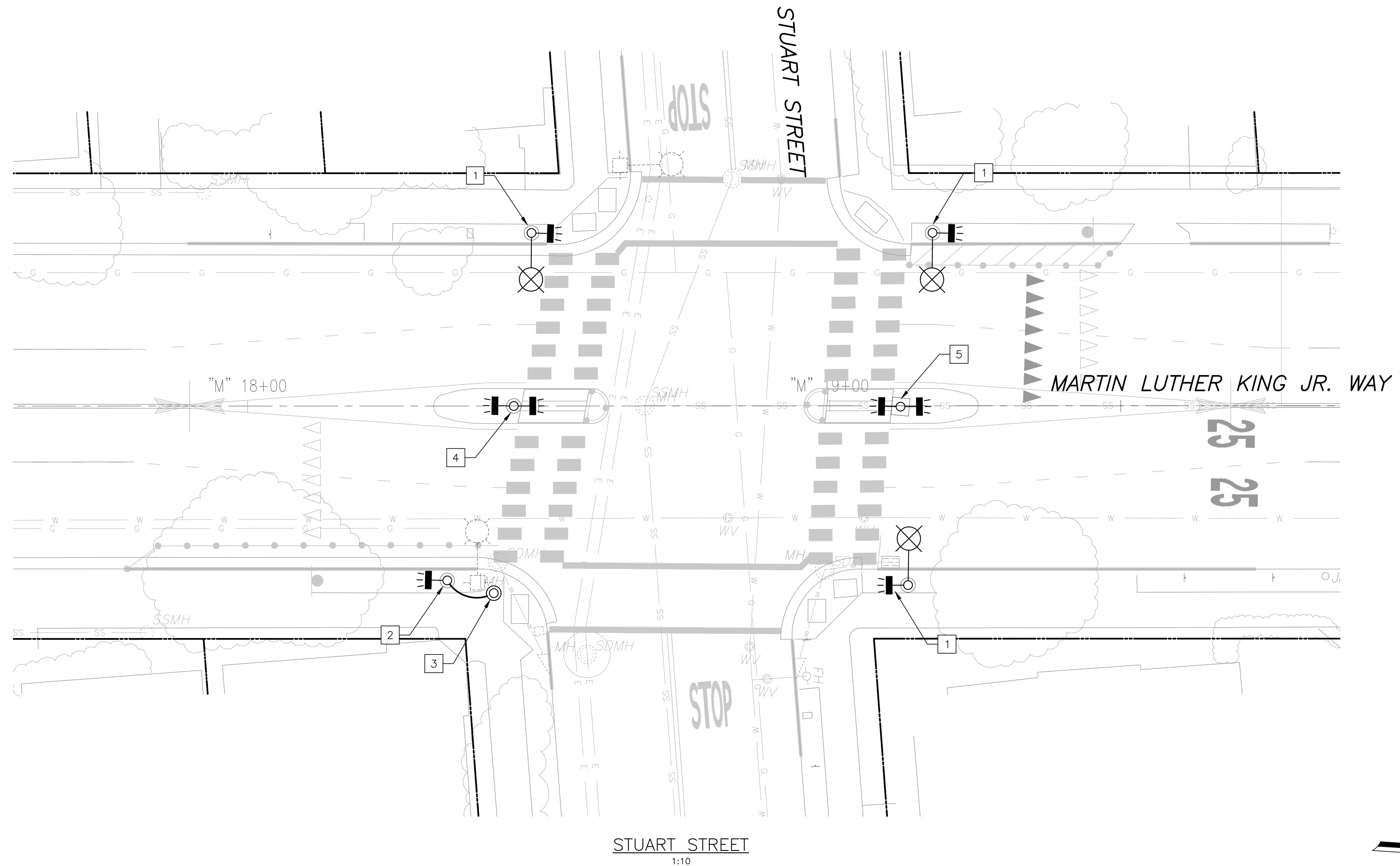
SHEET **18** OF **24**

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

PROJECT NOTES (THIS SHEET ONLY):

 SOLAR-POWERED STREET LIGHT, SEE SHEET E-7 FOR DETAILS.

- | | |
|---|--|
| 1 | INSTALL SOLAR POWERED STREET LIGHT WITH RECTANGULAR RAPID FLASHING BEACON ASSEMBLY AND PEDESTRIAN PUSH BUTTON ASSEMBLY PER DETAIL 'C' ON SHEET E-7. |
| 2 | INSTALL SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY PER DETAIL 'D' ON SHEET E-7. |
| 3 | INSTALL PEDESTRIAN PUSH BUTTON ASSEMBLY ON PUSH BUTTON POST. |
| 4 | INSTALL SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY WITH PEDESTRIAN PUSH BUTTON ASSEMBLY PER DETAIL 'E' ON SHEET E-7. |
| 5 | INSTALL SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY WITH PEDESTRIAN PUSH BUTTON ASSEMBLY PER DETAIL 'E' ON SHEET E-7. INSTALL POLE ON SPREAD FOOTING PER DETAIL 'F' ON SHEET E-7. ENSURE THAT A MINIMUM OF 2' CAN BE PROVIDED FROM THE TOP OF THE EXISTING SEWER LINE AND BOTTOM OF NEW FOUNDATION (VERTICAL). REPORT ANY DISCREPANCIES TO THE CITY ENGINEER IMMEDIATELY. |



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PROJECT MANAGER: _____ DATE _____

0 1 2 3

FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

DEPICTION OF MONUMENTS:	DATE _____
_____ SURVEY PARTY CHIEF	
WATERSHED REVIEW:	DATE _____

SUBMITTED: _____	DATE _____
	R.C.E. _____
SUPERVISING CIVIL ENGINEER _____	EXP. _____
APPROVED: _____	DATE _____
	R.C.E. _____
CITY ENGINEER _____	EXP. _____

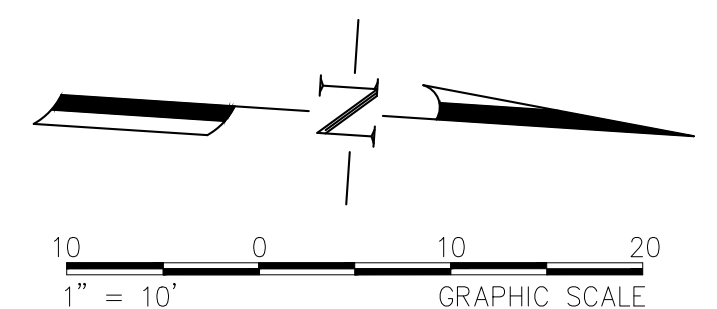
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CHECK	<u>GR</u>	BOOK	_____
AS BUILT	_____	DATE	<u>10/14/22</u>

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS



MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)

ELECTRICAL PLAN (STUART STREET)

PLAN 8262
FILE 503-632
E-2
SHEET 19 OF 24

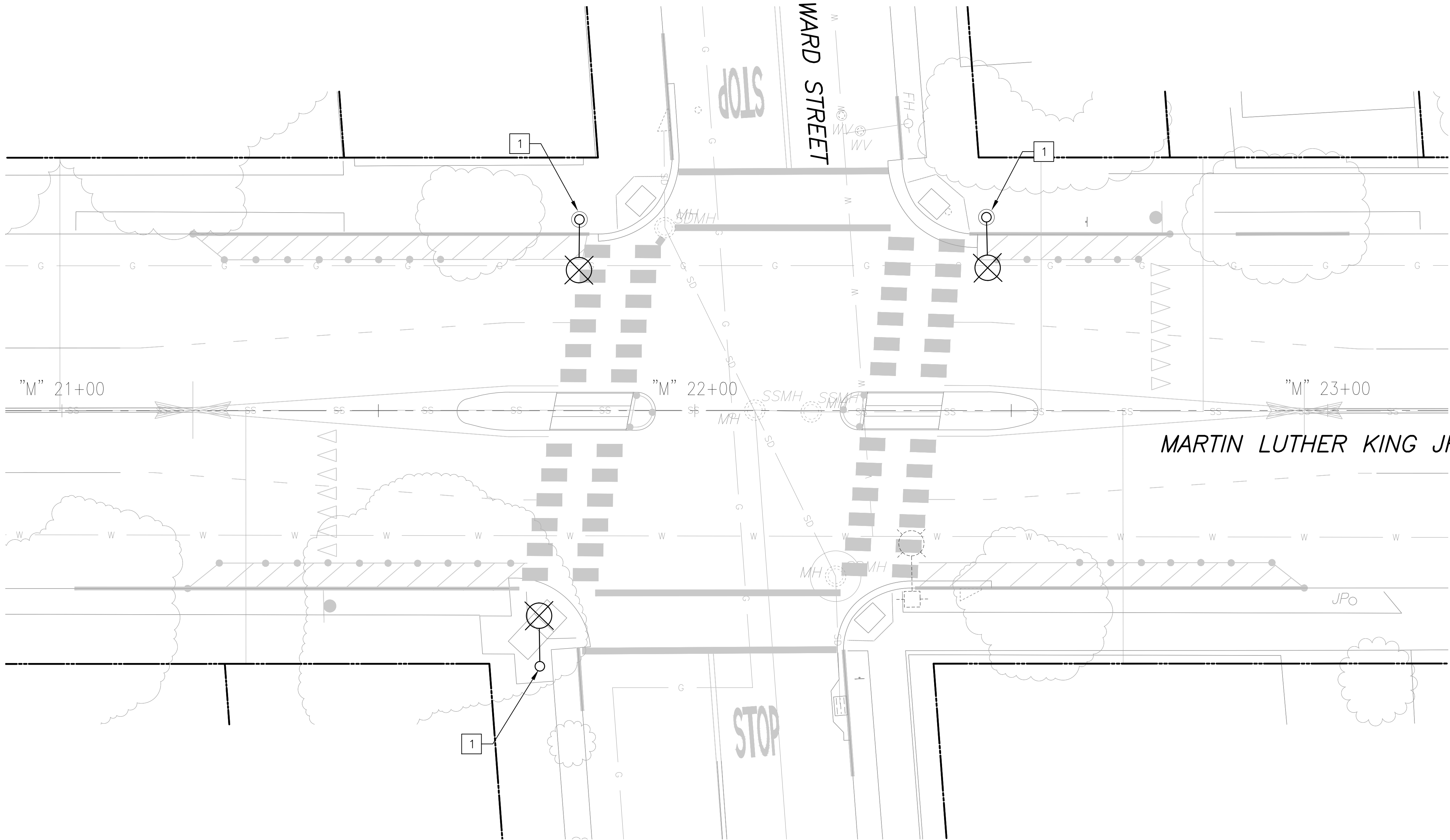


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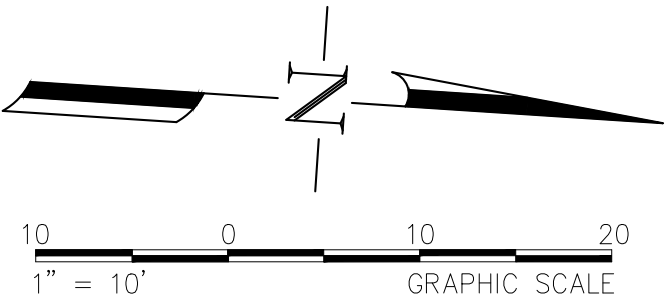
-  RECTANGULAR RAPID FLASHING BEACON, SEE SHEET E-7 FOR DETAILS
-  SOLAR-POWERED STREET LIGHT, SEE SHEET E-7 FOR DETAILS


PROJECT NOTES (THIS SHEET ONLY):

- 1 FURNISH AND INSTALL SOLAR POWERED STREET LIGHT PER DETAIL 'A' ON SHEET E-7.



WARD STREET
1:10





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PROJECT MANAGER:	DATE
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DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF	
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING CIVIL ENGINEER	R.C.E. EXP.
APPROVED:	DATE
CITY ENGINEER	R.C.E. EXP.



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AS BUILT		DATE	10/14/22

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)
ELECTRICAL PLAN (WARD STREET)

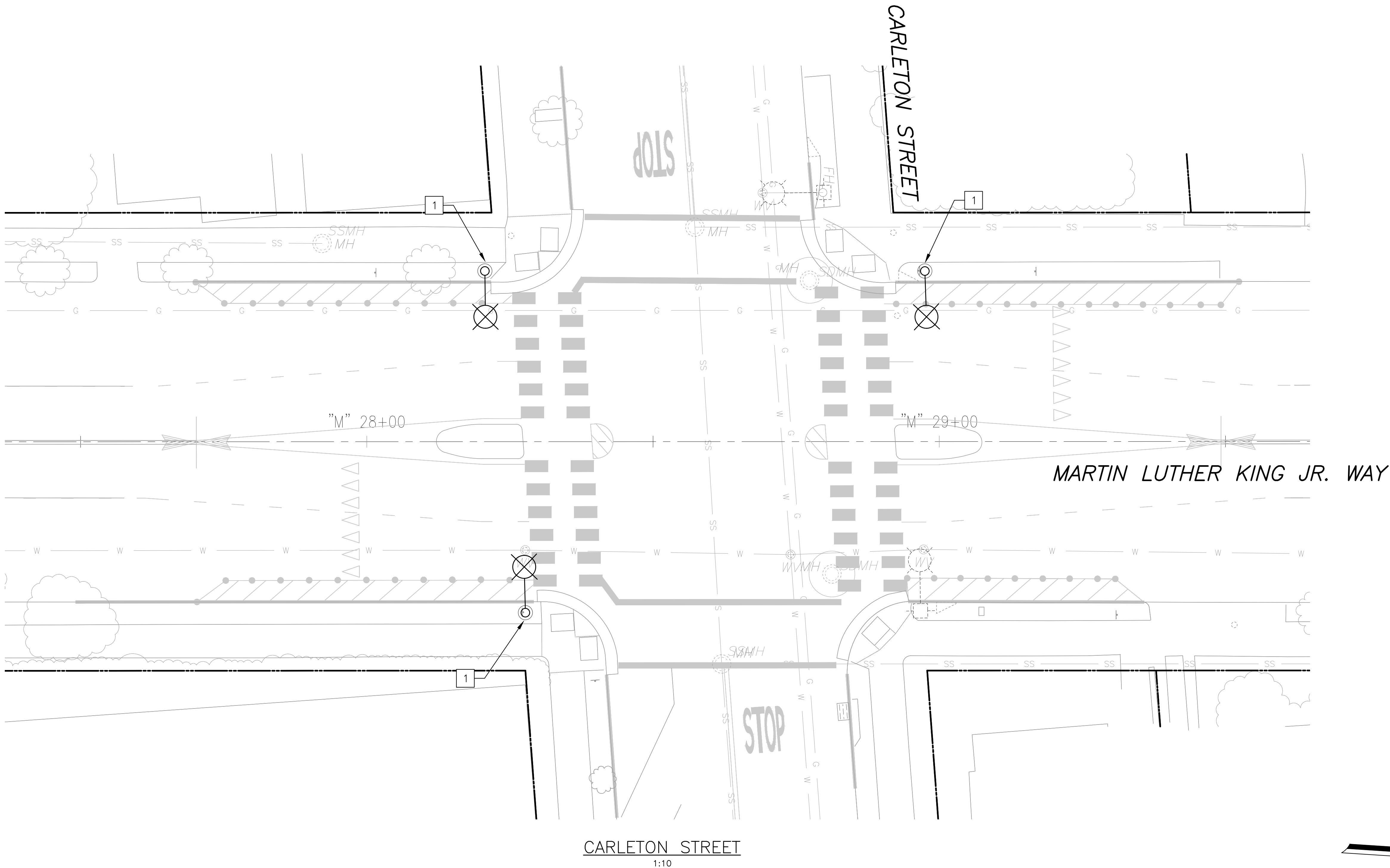
REVISION	MARK	DATE	DESCRIPTION	APPROVAL
PLAN 8262				
FILE 503-632				
E-3				
SHEET 20 OF 24				


LEGEND (THIS SHEET ONLY):

-  RECTANGULAR RAPID FLASHING BEACON, SEE SHEET E-7 FOR DETAILS
-  SOLAR-POWERED STREET LIGHT, SEE SHEET E-7 FOR DETAILS

PROJECT NOTES (THIS SHEET ONLY):

- 1 FURNISH AND INSTALL SOLAR POWERED STREET LIGHT PER DETAIL 'A' ON SHEET E-7.





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0 1 2 3
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

DEPICTION OF MONUMENTS: _____ DATE _____

SURVEY PARTY CHIEF _____

WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____

SUPERVISING CIVIL ENGINEER _____ R.C.E. _____ EXP. _____

APPROVED: _____ DATE _____

CITY ENGINEER _____ EXP. _____

DESIGN NL

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HORIZ. _____

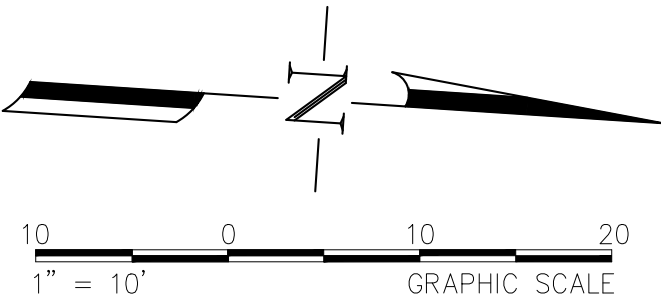
VERT. _____

BOOK _____

DATE 10/14/22



CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)
ELECTRICAL PLAN (CARLETON STREET)



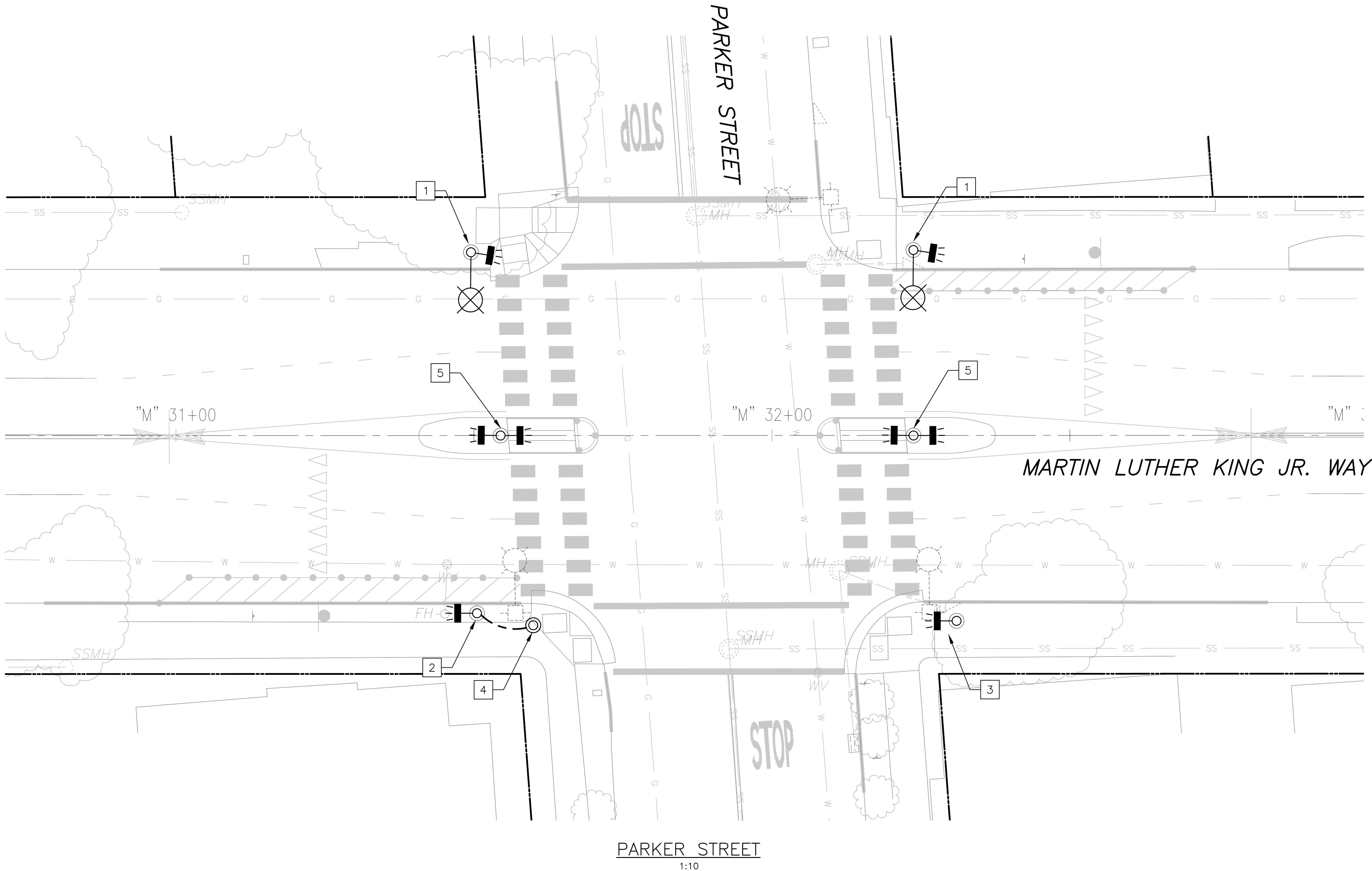
REVISION	MARK	DATE	DESCRIPTION	APPROVAL
PLAN 8262				
FILE 503-632				
E-4				
SHEET 21 OF 24				

LEGEND (THIS SHEET ONLY):


-  RECTANGULAR RAPID FLASHING BEACON, SEE SHEET E-7 FOR DETAILS
-  SOLAR-POWERED STREET LIGHT, SEE SHEET E-7 FOR DETAILS

PROJECT NOTES (THIS SHEET ONLY):

- 1 INSTALL SOLAR POWERED STREET LIGHT WITH RECTANGULAR RAPID FLASHING BEACON ASSEMBLY AND PEDESTRIAN PUSH BUTTON ASSEMBLY PER DETAIL 'C' ON SHEET E-7.
- 2 INSTALL SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY PER DETAIL 'D' ON SHEET E-7.
- 3 INSTALL SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY AND PEDESTRIAN PUSH BUTTON ASSEMBLY PER DETAIL 'E' ON SHEET E-7.
- 4 INSTALL PEDESTRIAN PUSH BUTTON ASSEMBLY ON PUSH BUTTON POST.
- 5 INSTALL SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY WITH PEDESTRIAN PUSH BUTTON ASSEMBLY PER DETAIL 'E' ON SHEET E-7.



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REGISTERED PROFESSIONAL ENGINEER
MICHAEL M. REED
No. 71946
EXP. 12/31/23
CIVIL
STATE OF CALIFORNIA

10/14/2022

FEHR & PEERS

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Oakland, CA 94612
(510) 834-3200

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0 1 2 3
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

DEPICTION OF MONUMENTS: _____ DATE _____

SURVEY PARTY CHIEF _____

WATERSHED REVIEW: _____ DATE _____

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APPROVED: _____ DATE _____

CITY ENGINEER _____

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DATE 10/14/22



CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)

ELECTRICAL PLAN (PARKER STREET)

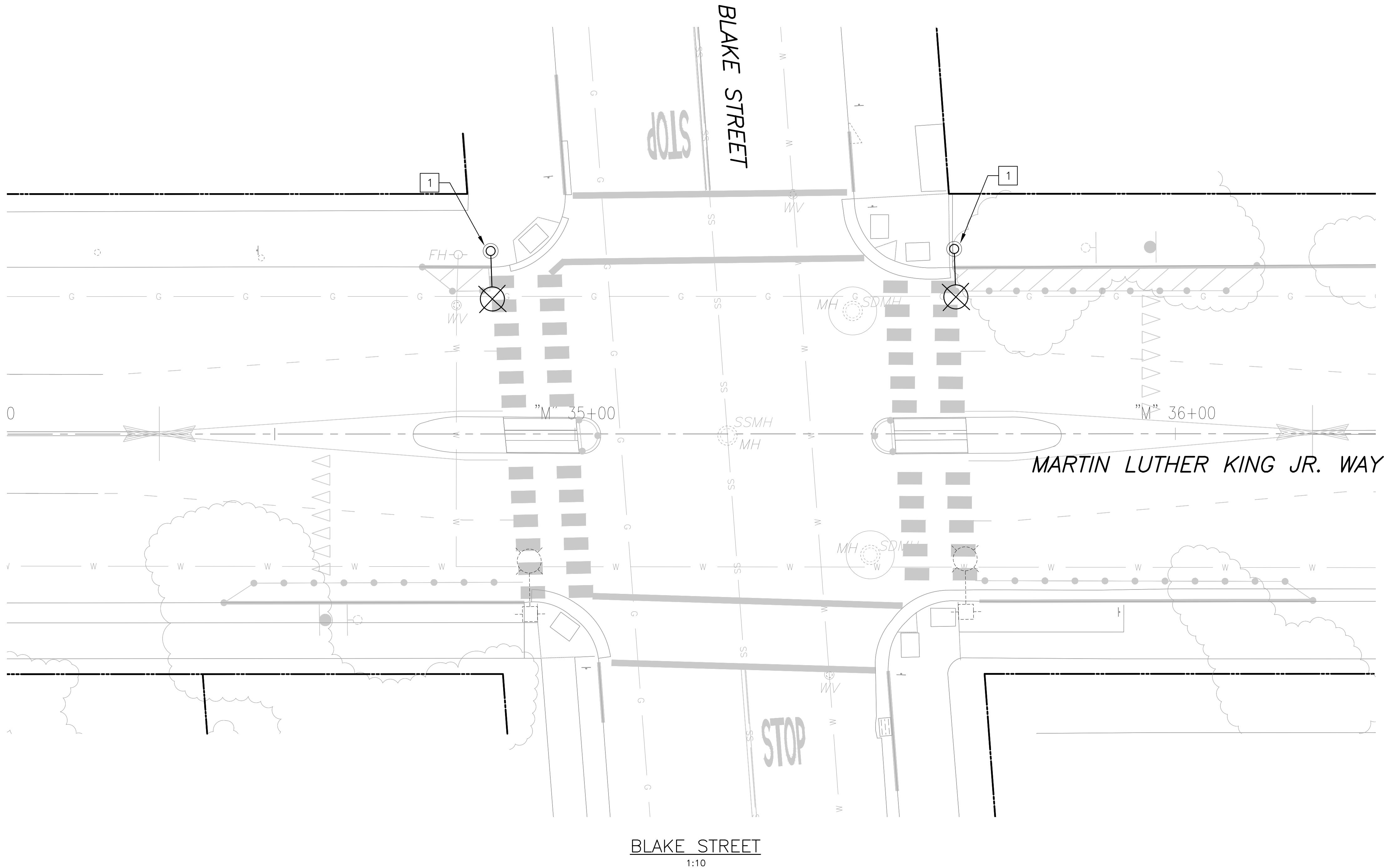
REVISION	MARK	DATE	DESCRIPTION	APPROVAL
PLAN 8262				
FILE 503-632				
E-5				
SHEET 22 OF 24				


LEGEND (THIS SHEET ONLY):

-  RECTANGULAR RAPID FLASHING BEACON, SEE SHEET E-7 FOR DETAILS
-  SOLAR-POWERED STREET LIGHT, SEE SHEET E-7 FOR DETAILS

PROJECT NOTES (THIS SHEET ONLY):

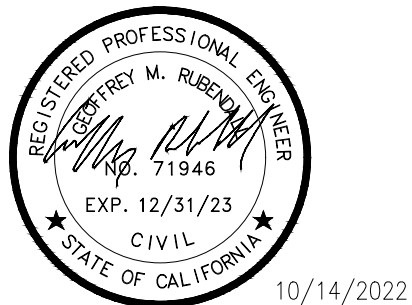
- 1 FURNISH AND INSTALL SOLAR POWERED STREET LIGHT PER DETAIL 'A' ON SHEET E-7.





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WATERSHED REVIEW:	DATE

DEPICTION OF MONUMENTS:	DATE
SURVEY PARTY CHIEF:	DATE
WATERSHED REVIEW:	DATE

SUBMITTED:	DATE
SUPERVISING CIVIL ENGINEER	R.C.E. EXP.
APPROVED:	DATE
CITY ENGINEER	R.C.E. EXP.

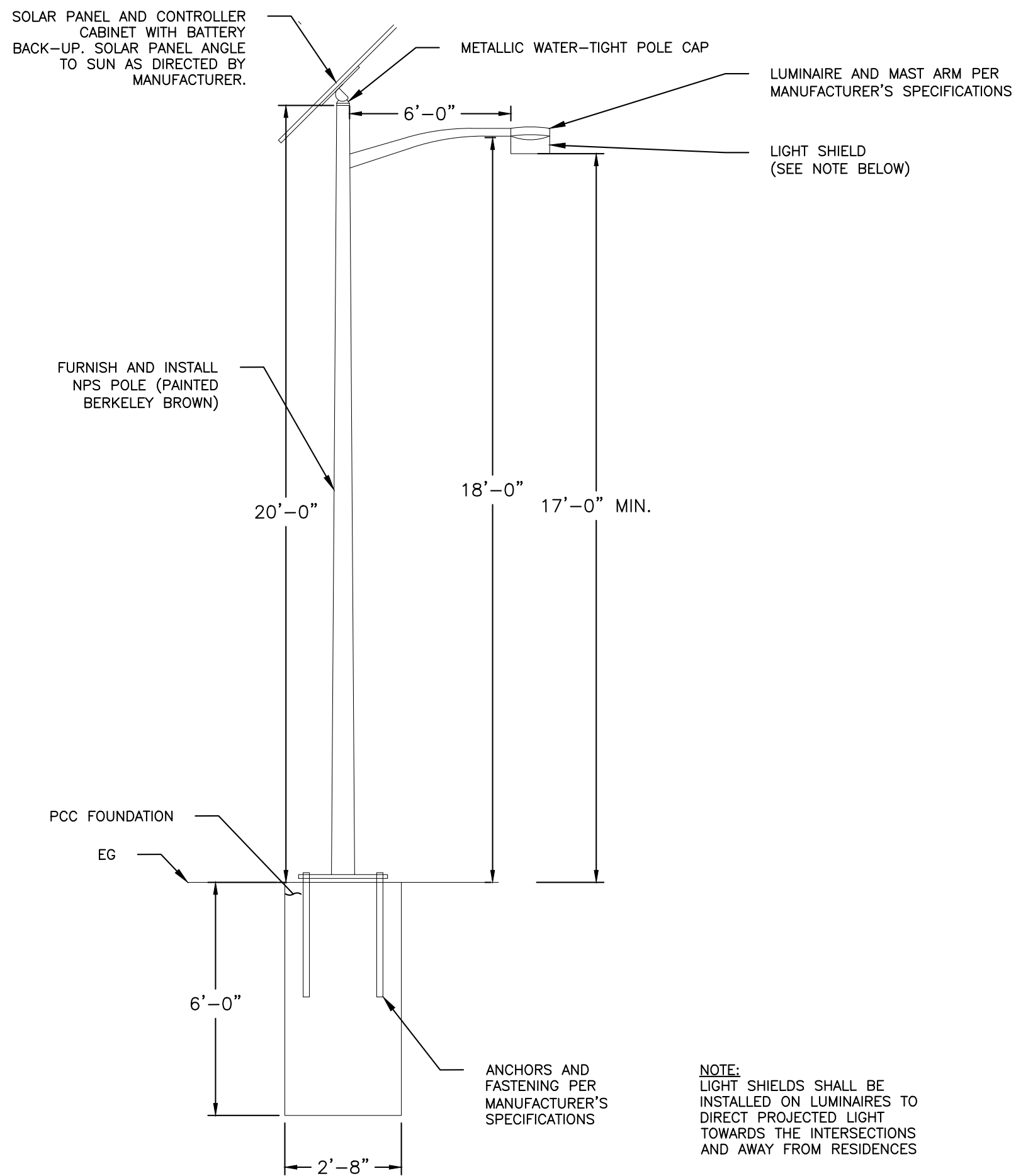
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CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

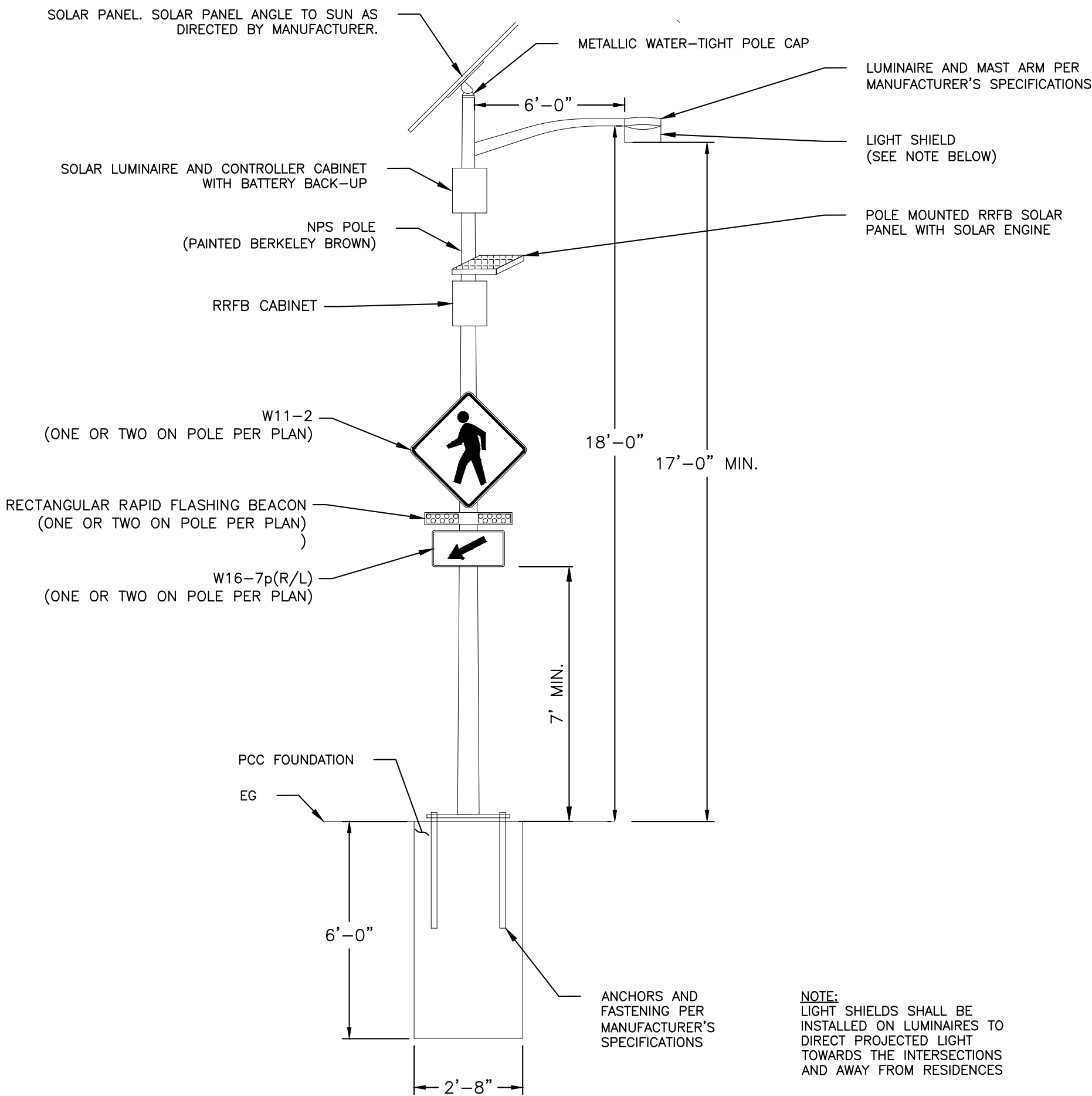
MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)
ELECTRICAL PLAN (BLAKE STREET)

PLAN	8262
FILE	503-632
	E-6
SHEET	23 OF 24

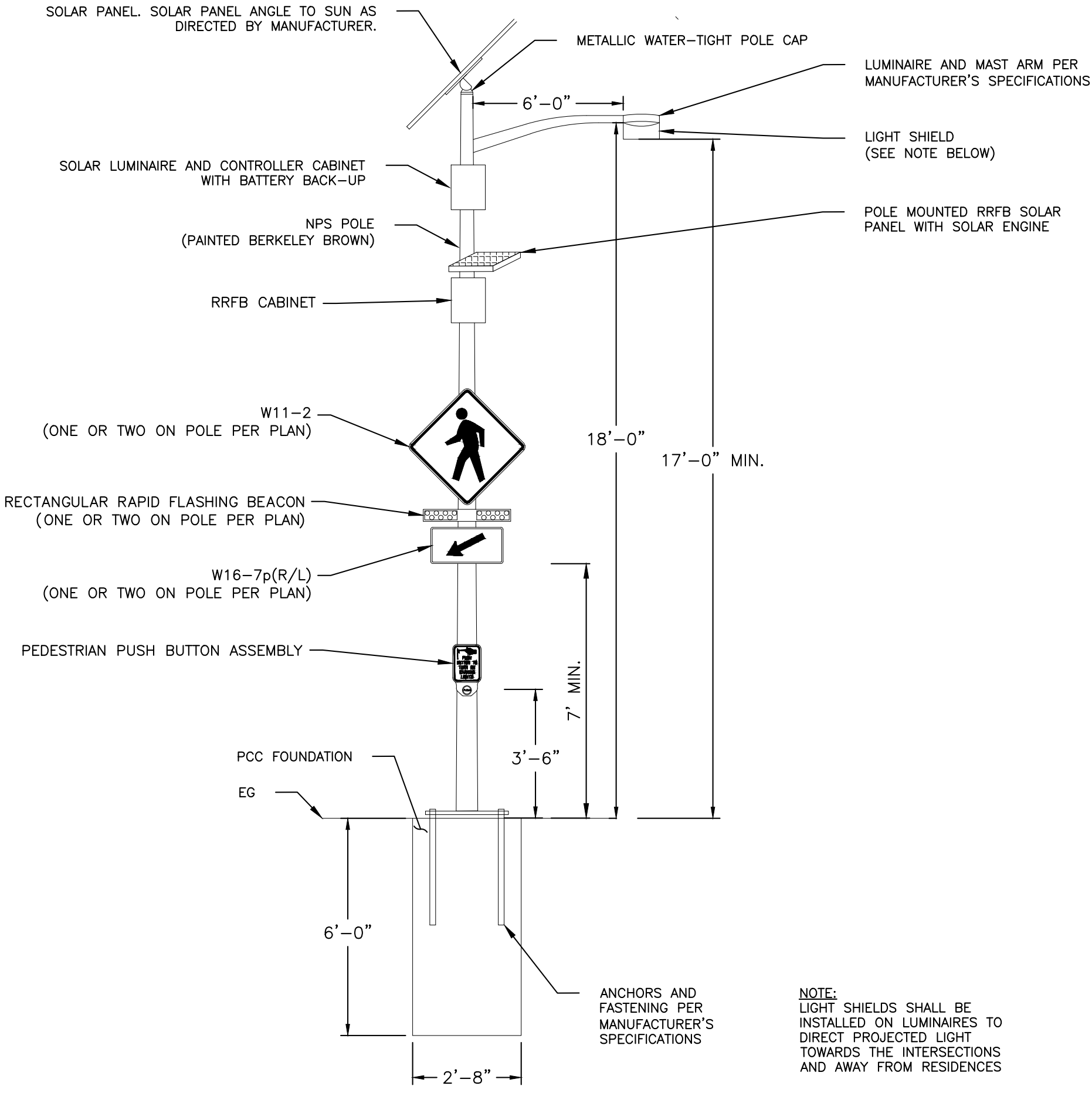
REVISION	MARK	DATE	DESCRIPTION	APPROVAL



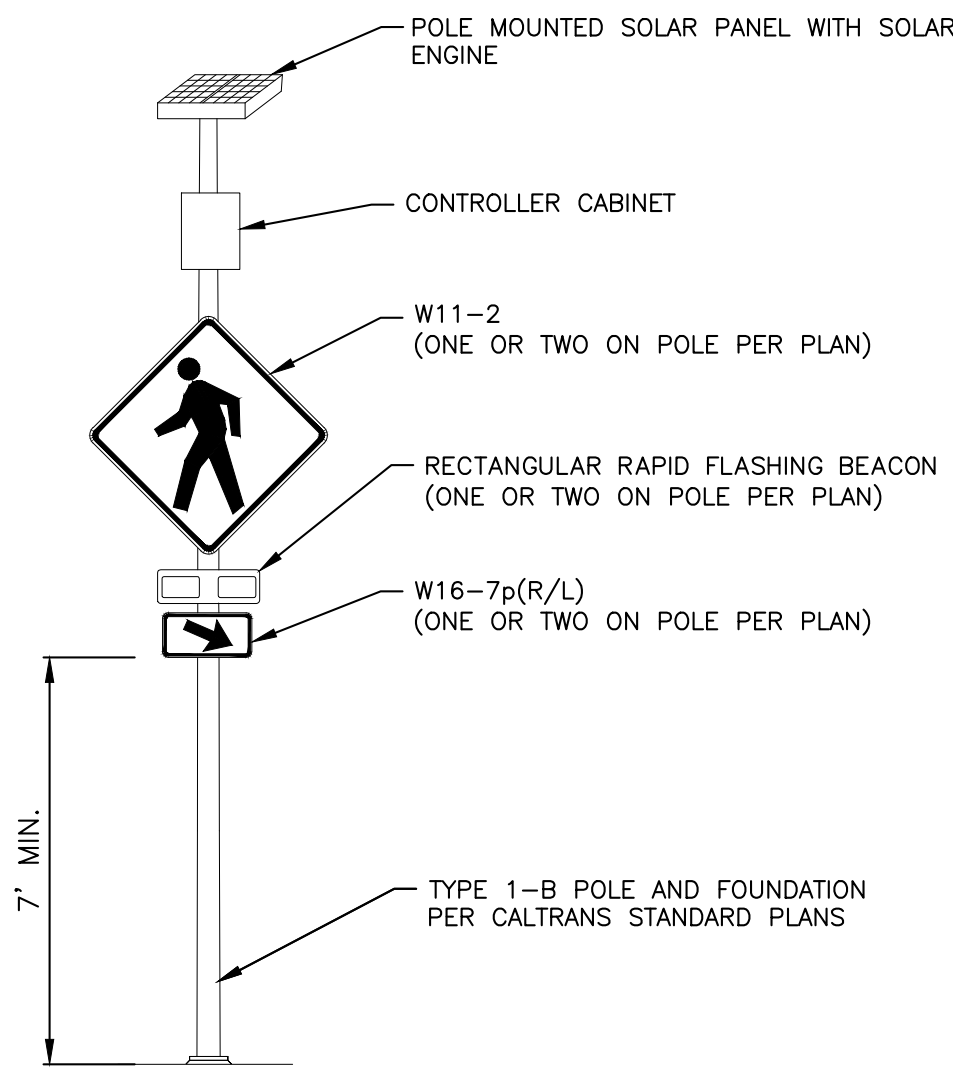
DETAIL 'A'
SOLAR-POWERED STREET LIGHT



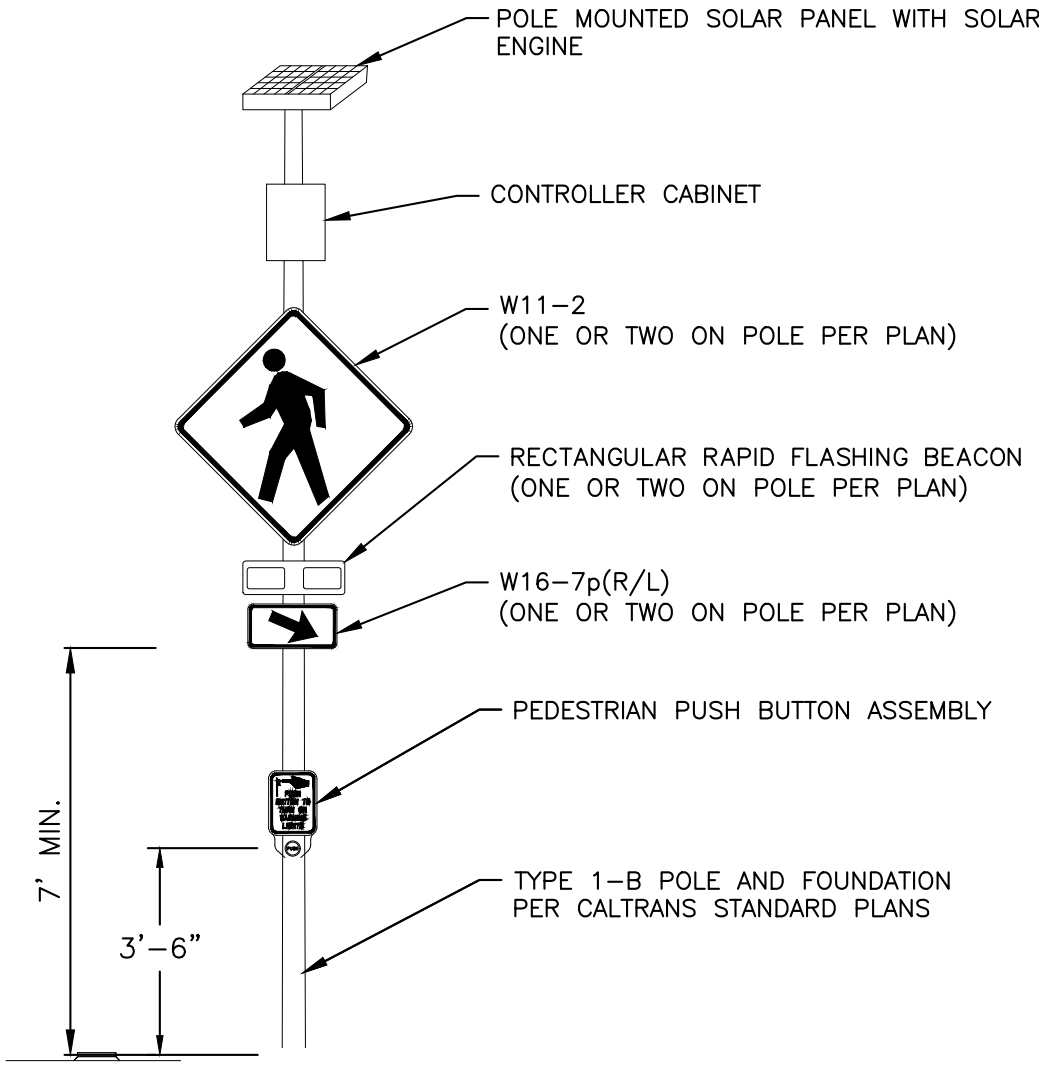
DETAIL 'B'
SOLAR-POWERED STREET LIGHT WITH
RECTANGULAR RAPID FLASHING BEACON ASSEMBLY



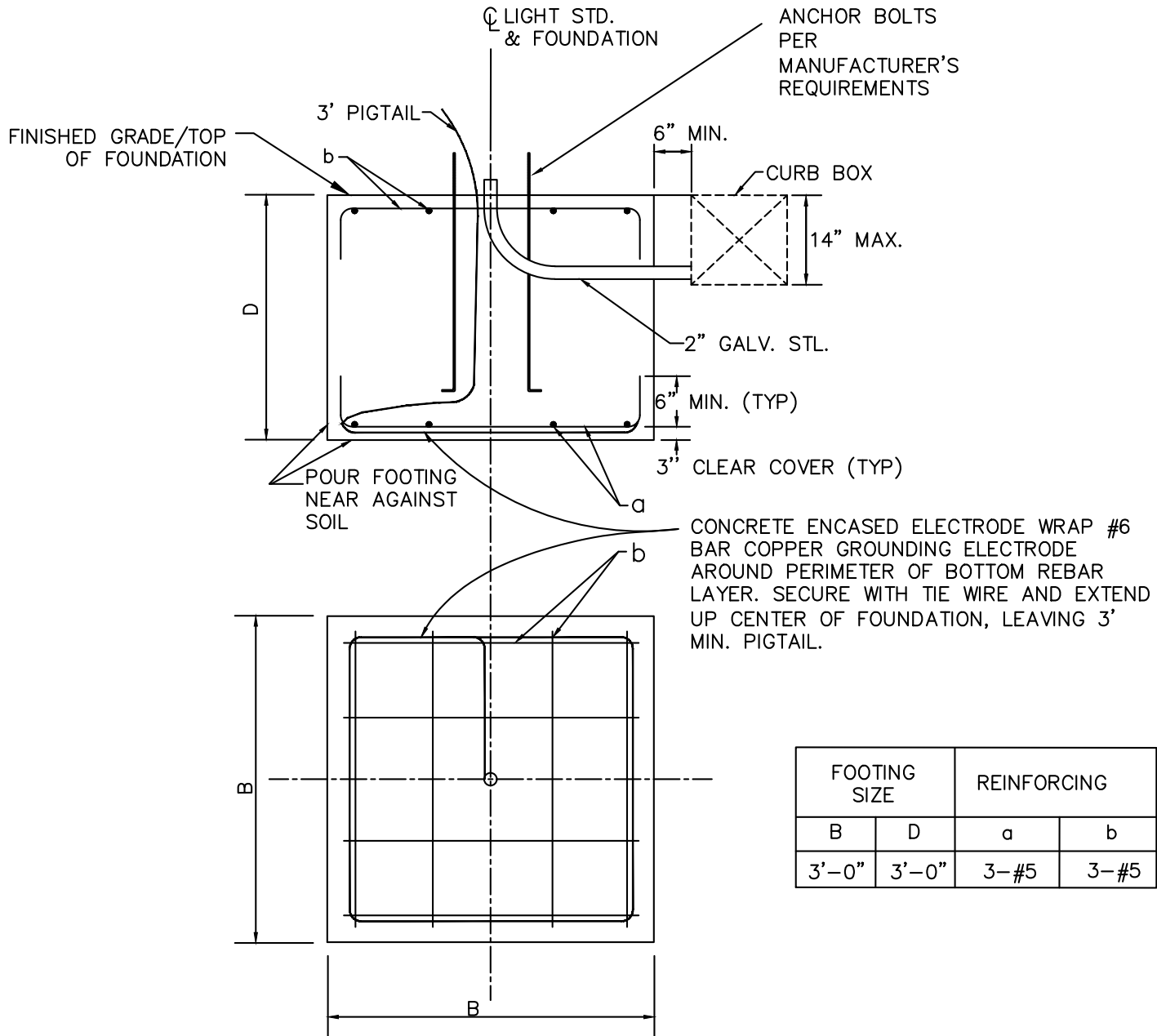
DETAIL 'C'
SOLAR-POWERED STREET LIGHT WITH
RECTANGULAR RAPID FLASHING BEACON ASSEMBLY
AND PEDESTRIAN PUSH BUTTON ASSEMBLY



DETAIL 'D'
SOLAR-POWERED RECTANGULAR RAPID
FLASHING BEACON ASSEMBLY



DETAIL 'E'
SOLAR-POWERED RECTANGULAR RAPID
FLASHING BEACON ASSEMBLY WITH
PEDESTRIAN PUSH BUTTON ASSEMBLY



DETAIL 'F'
RRFB SPREAD FOUNDATION

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DEPICTION OF MONUMENTS: _____ DATE _____
SURVEY PARTY CHIEF: _____ DATE _____
WATERSHED REVIEW: _____ DATE _____

SUBMITTED: _____ DATE _____
SUPERVISING CIVIL ENGINEER: _____ DATE _____
APPROVED: _____ DATE _____
CITY ENGINEER: _____ DATE _____

DESIGN: NL
DRAWN: ZZ/ND
CHECK: GR
AS BUILT: _____

HORIZ. _____
VERT. _____
BOOK _____
DATE: 10/14/22

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

**MARTIN LUTHER KING JR. WAY
VISION ZERO QUICK BUILD PROJECT
(DWIGHT WAY TO RUSSELL STREET)**
ELECTRICAL DETAILS

PLAN: 8262
FILE: 503-632
E-7
SHEET 24 OF 24

APPROVAL	DESCRIPTION	DATE	MARK	REVISION